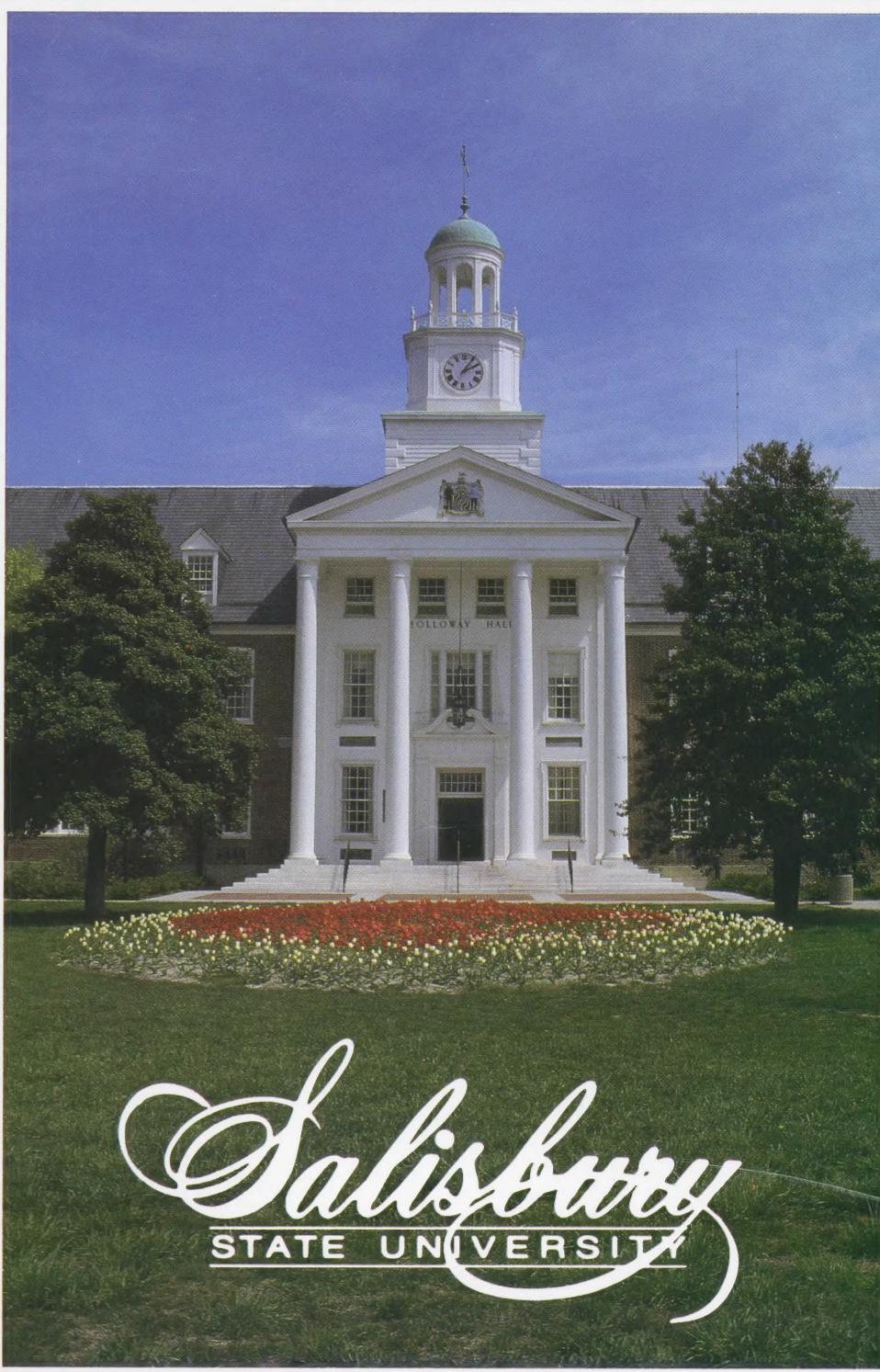


# GRADUATE CATALOGUE

•1990/91•



## Correspondence

The Mailing Address:

Salisbury State University  
Salisbury, Maryland 21801-6837

The Telephone Number:

Area Code 301 543-6000

Specific correspondence should be addressed as follows:

Admission to Graduate Programs .....	Dean of Graduate and Continuing Education
Transcript of Record .....	Registrar
Business Matters .....	Director of Business and Financial Affairs
General Matters .....	Director of Public Relations
Summer School .....	Dean of Graduate and Continuing Education

## Family Educational Rights and Privacy Act

Salisbury State University will assume the right, under the provisions of the Family Educational Rights and Privacy Act, to provide student directory information without prior consent of the student. Directory information is defined as a student's name, local address (if listed), date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of an athletic team member, dates of attendance, degrees and awards received, most recent previous educational agency or institution attended and listing of officers of student organizations (including names and addresses).

In the event a student wants more than directory information released, please notify the Dean of Students Office, University Center.

## Notice To Students

The Graduate Catalogue is an information guide and is not a contract. The University reserves the right to change requirements for degrees, fees, prerequisites, scheduling, grading systems and related matters. All such changes are implemented in such a manner that any new requirements will work no hardship on a student who had previously been admitted to a degree program under another set of requirements.

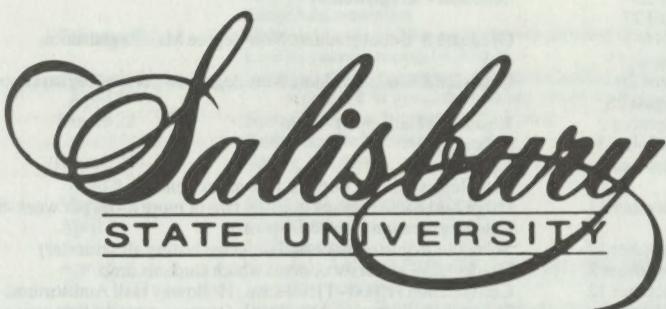
The policies cited in the Graduate Catalogue are only a partial listing of the regulations affecting all Salisbury State University students; unless specifically limited to undergraduate students, all the regulations and policies cited in the current *Salisbury State University Catalogues* apply to graduate students as well.

## Salisbury State University Equal Opportunity Policy

Salisbury State University provides equal employment and educational opportunities without regard to race, color, religion, national origin, sex, age, marital status, or handicap as required by Title VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and other equal opportunity regulations. The University makes all decisions regarding employment including recruitment, hiring, promotion, and all other terms and conditions of employment without discrimination. Inquiries should be directed to Affirmative Action Officer, Salisbury State University, Holloway Hall, Camden Avenue, Salisbury, Maryland 21801-6837. Telephone 301-543-6025.

## Sexual Harassment Policy

Commensurate with its mission as an academic institution of high quality, Salisbury State University encourages an atmosphere of physical, psychological and social well-being which offers all members of the University community an environment that provides opportunities to work, learn and develop with the human dignity that caring persons bestow on one another. There is no place in such an environment for intimidation or harassment of any kind, and more specifically, the University considers sexual harassment of both employees and students to be unacceptable behavior.



# 1990-91 GRADUATE CATALOGUE Salisbury, Maryland 21801 301-543-6000

90.32.91.03  
All inquiries concerning graduate study should be addressed to the Office of Graduate and Continuing Education, Salisbury State University, Salisbury, Maryland 21801-6837, 301-543-6173.

## Academic Calendar

### FALL SEMESTER 1990

Monday - Friday	April 23 - April 27	Graduate Preregistration
Monday - Wednesday	July 16 - August 15	Graduate & Undergraduate Non-degree Mail Registration
Monday - Tuesday	August 20 - August 28	Graduate & Undergraduate Non-degree In-person Registration
Monday	September 3	Residence Halls open - noon
Monday	September 3	Labor Day
Wednesday	September 4	Classes begin
Tuesday	September 11	Late Registration, Drop/Add for all students Drop/Add ends (courses meeting two or more times per week-6:00 p.m.) Late Registration ends (6:00 p.m.)
Wednesday	September 12 - November 2	Schedule Adjustment Period (courses lasting all semester) Grades of W given for courses which students drop
Wednesday	September 12	Convocation (10:00 - 11:00 a.m., Holloway Hall Auditorium)
Wednesday	October 10	Schedule Adjustment Period ends (courses meeting first seven weeks)
Saturday	October 20	Parents/Spouses Day
Wednesday	October 24	Midsemester
Friday -	November 2	Schedule Adjustment Period ends (courses lasting all semester). Last Day to receive W's.
Monday	November 5	Winter Term 1991 Mail Preregistration begins, (Graduate Mail Registration ends November 30). Program Planning begins Advising begins
Tuesday - Friday	November 20 - November 23	Thanksgiving Holidays begin after last class
Monday	November 26	Classes resume Spring Semester 1991 Graduate Preregistration begins (Graduate Preregistration ends November 30)
Friday	November 30	Winter Term 1991 Mail Preregistration ends Spring Semester 1991 Graduate Preregistration ends Winter Term 1991 Graduate In-person Registration begins (Graduate In-person Registration ends December 11)
Friday	December 14	Classes end
Sunday	December 16	Commencement (3:00 p.m., Wicomico Youth and Civic Center)
Monday - Friday	December 17 - December 21	Final Examinations
Tuesday	December 11	Winter Term 1991 In-person Registration ends
Friday	December 21	End of semester (10:00 p.m.) Residence Halls close at 5:00 p.m.
Saturday - Monday	December 22 December 31	Final Examinations end Campus closed

### WINTER TERM 1991

Tuesday	January 1	Residence Halls open for Winter Term - noon
Wednesday	January 2	Campus Reopens (8:00 a.m.) Winter Term 1991 begins Spring Semester 1991 Graduate Mail Registration begins (Mail Registration ends January 16)
Wednesday - Friday	January 2 - January 4	Winter Term 1991 Late Registration and Drop/Add (Weekdays only)
Monday	January 7 - January 16	Winter Term 1991 Schedule Adjustment Period Grades of W given for courses which students drop
Wednesday	January 16	Spring Semester 1991 Graduate Mail Registration ends
Monday - Tuesday	January 21 - January 29	Spring Semester 1991 Graduate In-person Registration
Wednesday	January 30	Winter Term 1991 ends

### SPRING SEMESTER 1991

Saturday	February 2	Residence Halls open - noon
Monday	February 4	Classes begin
Friday	February 8	Late Registration begins
		Drop/Add continues
Monday - Friday	February 11 - April 5	Drop/Add ends (4:30 p.m.) (courses meeting two or more times per week)
Friday	March 22	Late Registration ends (4:30 p.m.)
Monday - Friday	March 25 - March 29	Schedule Adjustment Period (courses lasting all semester)
Sunday	March 31	Grades of W given for courses which students drop
Monday	April 1	Spring Vacation begins after last class
		Residence Halls close
		Spring Vacation
		Residence Halls open - noon
		Classes resume
		Midsemester
		Schedule Adjustment Period ends (courses lasting all semester)
		Last Day to receive W's
		Summer 1991, Graduate Mail Registration begins (ends May 29)
		Program Planning begins
		Advising begins
		Schedule Adjustment Period ends (courses meeting last seven weeks)
		Graduate Mail Preregistration for Fall 1991
		Honors Convocation - Holloway Hall Auditorium - 3:30 p.m.
		Classes end
		Finals begin
		Final Examinations end
		End of Semester - 10:00 p.m.
		Residence Halls close - 5:00 p.m.
		Commencement - 10:00 a.m. - Wicomico Youth & Civic Center
		Campus closed
		Mail Registration for Summer Term ends

## TABLE OF CONTENTS

The University	
Mission Statement	5
Graduate Studies Mission Statement	5
History	6
Location	6
Facilities	6
Division of Graduate Study	8
Objectives	8
Academic Regulations and Procedures	
Admission to Graduate Study	8
Admission to	
Master's Degree Programs	9
Non-degree Students and	
Non-degree Credit	9
Continuous Registration	9
Admission of International Students	9
Graduate Credit During Senior Year	9
Transfer Credit	10
Faculty Advisory System	10
Catalogue Selection	10
Time Limitation	10
Course Load	11
Class Attendance	11
Course Numbering System	11
Grading System	11
Academic Standards	11
Appeals Process	12
Academic Dishonesty	12
Procedure for Handling Cases of	
Alleged Academic Dishonesty	12
Financial Assistance	13
Tuition & Fees	13
Official Withdrawal and	
Refund Procedures	13
Application for Diploma	13
Transcripts and Certification of Completion	
of Degree Requirements	13
Professional Certification	13
Student Services, Programs & Policies	
General Information	14
University Center	14
The Book Rack	
(University Book Store)	14
Center for Personal &	
Professional Development	14
Disabled Students	14
Health Center	15
Accident & Health Insurance	15
Department of Public Safety	15
Vehicle Rules & Regulations	15
Graduate Degree Programs	
Master of Business Administration	16
Master of Education	18
Master of Arts in English	19
Master of Arts in History	20
Master of Science in Nursing	21
Master of Arts in Psychology	22
Courses of Instruction	
Accounting	25
Art	25
Biology	25
Business Administration	26
Chemistry	29
Communication Arts	29
Computer Science	29
Education	30
English	36
French	39
Geography & Regional Planning	39
Health	40
History	41
Mathematical Sciences	43
Music	44
Nursing	47
Philosophy	48
Physical Education	49
Physical Sciences	49
Political Science	50
Psychology	51
Social Science	54
Social Work	54
Sociology & Anthropology	55
Spanish	56
Division of Graduate Study Administration	57
Graduate Council	57
Graduate Faculty	57
Application for Admission to	
Graduate Study	63

## THE UNIVERSITY

### Mission Statement

Salisbury State University is a comprehensive institution of higher learning offering a traditional, liberal arts curriculum and a variety of pre-professional and professional programs on both the graduate and undergraduate levels. The following Mission Statement approved by the faculty and the administration in 1984 expresses the ideals which underlie the service of the University to its students and to the regional and state community of which it is a part.

The faculty and administration of Salisbury State University accept the responsibility to foster in our students an ability to obtain, understand and accurately assess information and ideas, to think reasonably and independently, and to speak and write intelligently and effectively.

In order to give focus and direction to the students' course of study, the University is committed to introducing students to a system of ideas about the nature of humanity, the universe, and the world created by art and thought. To this end, the University offers as the cornerstone of learning an integrated curriculum which examines the salient ideas in the humanities, social sciences and mathematics. This curriculum serves students both as the foundation for specialized study and as the source for a set of convictions which can guide the conduct of their lives.

Furthermore, the University assumes that what we teach and how we teach ought to foster in our students a disposition for responsible conduct. As such, we are committed to encouraging attitudes of integrity and fairness, respect for others, dedication to the pursuit of truth, and the willingness to uphold and to challenge one's own convictions. It is expected that these attitudes will instill in our students a desire to do things well, to sustain rather than disparage high principles, and to participate as informed, committed citizens in the public forum.

The University also assumes the responsibility to prepare students to work confidently and effectively in their chosen careers; to this end we provide practicable counseling and a number of professional and technical degree programs. Career preparation is not the exclusive province of such programs, however; certain attributes—the power to think clearly, judge soundly, and communicate effectively, the ability to interact with people in a productive and considerate way, and the capacity to adapt and learn in new and unfamiliar situations—must be learned in all courses. And, most important, we attempt to instill in our graduates a spirit of dedication to their vocations and a sense of service to society.

The University is also committed to graduate study beyond the baccalaureate level. To help graduate students enrich and extend their knowledge and competence in their respective fields of study, the University encourages them to embrace an ethos dedicated to the continuing acquisition of knowledge and the pursuit of the intellectual ideal. We expect those engaged in graduate study to commit themselves to excellence through the consistent exercise of coherent thought, sound judgement and effective communication.

The University recognizes that the students have needs and interests that go beyond the scope of academic life, and we therefore provide additional services and sponsor extra-curricular and co-curricular activities which are consistent with the goals and purposes of the institution. Services that support the physical and mental health of the students, and activities such as student government, athletics and cultural events that enhance their lives, are sponsored by the University as necessary components of the education of the whole person.

Finally, we recognize the important contribution that the University and our faculty make to the local region and therefore provide to the surrounding community, when and where feasible, the cultural, social and professional resources of the University.

### Graduate Studies Mission Statement

The faculty and administration of Salisbury State University accept the responsibility to enhance in graduate students the ability to obtain, understand and accurately assess information and ideas, to think reasonably and independently, and to speak and write intelligently and effectively.

Graduate education at Salisbury State University shall encourage students to expand knowledge and facility in their respective fields of study and to embrace an ethos dedicated to the continued acquisition of knowledge and the pursuit of the intellectual ideal.

The graduate faculty of the University shall demonstrate the capabilities, experience, professional involvement, instructional performance, scholarly productivity and service essential for high quality. It is recognized that continual research activities and professional service are major contributors to the maintenance of graduate-level teaching competence.

The faculty believe that the substance and method of instruction and research must foster in students a disposition for responsible conduct characterized by integrity, fairness, respect for others, dedication to the pursuit of truth and a willingness to reexamine one's own convictions. One of the University's primary objectives is to foster in students a desire for excellence, a reverence for high principles, and the ability to participate as informed, committed citizens in the public forum.

The University shall prepare graduate students to work confidently and effectively in their chosen careers. It shall provide counsel, guidance and instruction appropriate to the requirements of graduate programs. Coherent thought, sound judgment and effective communication shall be demonstrated by students in all areas of study.

Because students at whatever level of study have interests and needs beyond the scope of academic life, the faculty and administration shall provide and sponsor those services and extracurricular activities which are consistent with the goals and purposes of the institution in general and the graduate program in particular. Furthermore, the University is committed to the integration of graduate students into the social and cultural fabric of campus and community life.

## History

In 1922 the state legislature established a commission to determine a location for a two-year college on the Eastern Shore of Maryland. A site at Salisbury was selected and the institution opened in September 1925. Since its founding, the University has successfully met the increasing demands of society for quality education and today offers a variety of undergraduate programs in liberal arts, sciences and the professional fields of business administration, education, medical technology, nursing and social work. In addition, the University's division of graduate study offers master's degree programs in business administration, education, English, nursing, psychology and history.

Originally authorized as a college offering a two-year program, the course of study was increased to three years in 1931 and in 1934 to four years. Following this, and by action of the legislature of 1935, the College was authorized to grant the Bachelor of Science.

Expansion of the academic program occurred in 1947 and again in 1960, at which point four-year programs in both the arts and sciences with majors in a number of academic fields had been developed, which provided students with a choice of pursuing either a Bachelor of Arts or a Bachelor of Science. In 1962 the State Board of Trustees approved a graduate program leading to the Master of Education. This was followed in 1971 with approval for a Master of Arts in history, in 1974 a Master of Arts in English, in 1975 a Master of Arts in psychology, in 1981 a Master of Business Administration program and in 1982 a Master of Science with a major in nursing.

In 1988 the state legislature approved the name change from College to University. Today Salisbury State University stands as a nationally accredited four-year, multi-purpose liberal arts university offering 36 distinct undergraduate and graduate degree programs in a friendly atmosphere that encourages close relationships between faculty and students.

## Location

Salisbury State University is located on U.S. Route 13 at the southern edge of Salisbury, which has a metropolitan population of 56,000 and lies 32 miles west of Ocean City, MD, 115 miles southeast of Baltimore and Washington, 125 miles south of Philadelphia and 125 miles north of Norfolk, VA.

## Facilities

**Holloway Hall** is the administrative office building of the University. It contains most administrative offices, faculty offices, some classrooms and The Franklin P. Perdue School of Business. Also in Holloway are a modern 776-seat auditorium, social room and the North American Wildfowl Museum of the Ward Foundation.

**Blackwell Library**, located near the center of the campus, houses 300,000 items in open stacks including books, bound periodicals, government documents, and a curriculum laboratory. The library subscribes to 1,600 periodicals and has extensive non-book resources including microforms, filmstrips, phono recordings and cassettes. The University Art Gallery is located on the second floor. The Gallery sponsors a diverse program of seven-to-eight art exhibitions each academic year.

**Caruthers Hall**, located near Route 13 to the right of the main entrance to the University, houses the Computer Center, the Reading Center, the Learning Center, department offices for teacher education, social work and leisure studies, classrooms, faculty offices, a 225-seat auditorium and the Communications Center, which includes the public radio station WSCL.

**The Computer Center** is located in the northeast complex of Caruthers Hall. The administrative computer system is a Digital Equipment Corporation VAX 11/780,6210 Cluster. The academic computer system is a VAX 8350, with on-line terminals and printers available to students in both Caruthers and Devilbiss halls. Pro-350 and IBM PC/AT graphics equipment is also available. There are also three labs in Blackwell Library, containing Apple IIe and IBM PC and PC-compatible microcomputers. Available in the Computer Center is

a Cal Comp 1041 plotter. Two small additional rooms containing microcomputers and terminals are reserved for faculty use. There is a Scantron Optical Mark Reader used to process examinations, evaluations, and surveys.

**The Learning Center**, located on the second floor of Caruthers Hall, provides a range of services for students in need of academic assistance. The center provides diagnostic testing, individual and small-group tutoring, self-paced learning programs, and formal courses in basic skill areas of reading, writing, mathematics and study techniques. The center is open daily for walk-in or referral visits.

**The University Center**, located on Dogwood Drive, includes a lounge, snack bar, book store, meeting rooms, post office, commuter and resident mail boxes, games room, service desk, Dean of Students Office, the Center for Personal and Professional Development and of minority affairs, an art gallery, student radio station WSUR and offices of student organizations.

**Devilbiss Science Hall** is located at the south end of the campus mall. In addition its 22 classrooms and 27 offices, there are laboratories for geography, biological sciences, chemistry, physics and physical science. Special features in this building are a theatre-lecture hall seating 224 and a greenhouse.

**The Health Center**, located at the south end of Holloway Hall, includes a waiting room, four treatment rooms, a combined utility room/laboratory and two offices.

**The Musical Arts Center**, situated at the Route 13 entrance, is an acoustically treated building, containing a 17-piano electronic piano laboratory, two classrooms and faculty offices.

**The Power Professional Building**, located by the athletic fields on the east campus, houses laboratories for nursing, respiratory therapy and medical technology and offices for military science, communication arts, mathematics and computer science. There is also a rehearsal room for the Music Department and choral and band activities.

**Honors House**, located adjacent to the campus, has offices, classrooms and social gathering areas for students enrolled in the Honors Program.

**Maggs Physical Activities Center** includes a large arena, swimming pool, wrestling room, dance studio, weight room, Nautilus room, classrooms, offices, large multi-purpose gymnasium, indoor tennis center with three courts, three racquetball courts, varsity and intramural locker rooms, training room, equipment and reception area.

**Powell Dining Hall**, located near the center of the campus, seats nearly 1,000 students and offers the latest collegiate kitchen equipment.

**The President's Home** is located on a wooded knoll on the southern edge of campus.

**Residence Halls:** Residence facilities offer students a variety of living environments and lifestyle options. Pocomoke and Wicomico halls house men; Manokin and Nanticoke halls house women. Coeducational facilities include Chester, Choptank, Chesapeake, St. Martin and Severn Halls. Dogwood Village, a modular housing complex consists of 14 separate buildings, each housing 10 students in single rooms. The halls are equipped with lounges offering television, conversational groupings and study areas. Laundry and vending facilities are also provided. The Hall Education Center, approximately one mile from campus and located next to Peninsula General Hospital Medical Center, provides off-campus dormitory space.

**The Sociology Building** is a recently renovated brick house located in the southwest area of the campus near the Dogwood Drive parking lot.

**Potomac Hall** houses the Art Department, including art studios, classrooms and faculty offices. The Modern Languages lab is also located in this building.

**The Maintenance Building** houses the central stores and the motor pool.

**Outdoor Athletic Facilities** include multi-use stadium, varsity fields for soccer, baseball, softball and field hockey, practice fields, all-weather 400-meter track and 12 hard-surface tennis courts featuring plex-pave surfaces, of which six are lighted for night play. The baseball diamond features an Astroturf infield, the only one in the state.

## DIVISION OF GRADUATE STUDY

Salisbury State University is approved for graduate instruction by the Middle States Association of Colleges and Schools and the Maryland Higher Education Commission. The University offers graduate programs leading to the Master of Business Administration, the Master of Education, the Master of Arts in English, in history and in psychology, and the Master of Science in nursing. Graduate study is also available for teachers seeking to meet requirements for basic or advanced certification and for postbaccalaureate students seeking graduate credit in both academic and professional areas.

During the fall and spring semesters, the great majority of graduate students enroll for courses conducted in the evening program of the University. Designed for part-time students, this program consists mainly of courses meeting once weekly throughout the semester in either late afternoon or evening sessions of approximately three hours each. A limited number of courses, open to both graduate students and advanced undergraduates, is also available in the regular daytime program. In addition, graduate study is available in the University summer program.

### Objectives

The primary objective of the Division of Graduate Study at Salisbury State University is to provide college or university graduates with opportunities for professional advancement and personal enrichment through graduate study. The graduate curriculum is designed to assist such students in attaining greater mastery of their fields of specialization, to improve skills in pursuing independent study and to increase professional knowledge and ability through the study of new findings in areas of special interest.

The University also recognizes an obligation to college or university graduates residing in the general community of the Eastern Shore and strives to offer constructive coursework at the graduate level designed to meet their specific needs throughout the year.

## ACADEMIC REGULATIONS AND PROCEDURES

### Admission to Graduate Study

To be eligible for admission to graduate study the applicant must have completed requirements for the bachelor's degree at a regionally accredited institution of higher learning or at an institution accredited by the Maryland Higher Education Commission and have submitted all required application materials. Students seeking admission to graduate study may obtain application materials from the Office of Graduate and Continuing Education. A completed application will consist of the *Application for Admission to Graduate Study* form, the application fee, two completed recommendation forms, an appropriate test score (see next paragraph), and official transcripts from the baccalaureate granting institution and all institutions enrolled in for graduate study. All application materials must be submitted to the Office of Graduate and Continuing Education at least 30 days prior to the beginning of the academic term in which the student intends to enroll.

Applicants seeking admission to a specific master's degree program must submit the appropriate exam score for that program; other applicants must submit scores from the Graduate Record Examination (GRE). A \$25 non-refundable application fee must accompany the application. The applicant must request the registrar of the undergraduate institution to forward an official copy of the undergraduate transcript, showing completion of baccalaureate requirements, and must request the registrar of all graduate institutions to forward official copies of graduate study directly to the Office of Graduate and Continuing Education.

Upon admission to graduate study, applicants may receive full or provisional admission status. Students who lack the required undergraduate grade point average may be provisionally admitted. *Admission to graduate study does not constitute admission to a specific master's degree program.* To be admitted to a master's degree program a student must: (1) receive full admission status to graduate study and (2) meet the requirements for admission to a specific master's degree program. Upon admission to a master's degree program, the applicant will be a degree-seeking student. Non-degree students are students who have: (1) full admission status but have not been admitted to a master's degree program or (2) provisional admission status. Admission to the University is granted without regard to race, color, sex, religion or national origin.

#### Full Admission Status

To be eligible for full admission status to graduate study the applicant must have completed the requirements for the bachelor's degree at a regionally accredited institution of higher learning or at an institution of higher learning accredited by the Maryland Higher Education Commission with a minimum overall grade point average of 2.75 on a 4.0 scale, and have all application materials on file. Upon receipt of all application materials, the complete application will be reviewed and the applicant will be formally notified of full admission status.

#### Provisional Admission Status

A student who has submitted all application materials but has not obtained a 2.75 cumulative grade point

average upon completion of the baccalaureate may be provisionally admitted for graduate study. Any provisionally admitted student will be required to attain full graduate admission status by completing nine semester hours of credit with a 3.0 cumulative grade point average and with no grades below a C within two academic years from the date of provisional admission. A provisionally admitted graduate student may make application to a master's degree program, but may not be admitted to the program until the student has received full admission status. A student who does not attain a 3.0 or higher cumulative grade point average following completion of nine or more semester hours of credit will be academically dismissed.

### Admission to a Master's Degree Program

Those students indicating on their application forms an intent to pursue graduate study leading to a master's degree must meet the requirements for admission to the selected degree program. Students seeking information about a specific master's degree program should consult the "Graduate Degree Programs" section of this catalogue or address inquiries to the appropriate program director. Upon the student's meeting such requirements, the program director will formally notify the student of admission to the degree program selected and will assign a faculty advisor who will assist in formulating a plan of study most appropriate for the student's needs. During the student's first semester of registration, the student will submit the *Plan of Study* form for approval by the faculty advisor and the program director.

### Non-degree Students and Non-degree Credit

Students who have been admitted to the University for graduate study but who have not been admitted to a master's degree program are considered as non-degree students. Those students may enroll in graduate courses with the approval of their assigned general graduate faculty advisor and approval of the appropriate program director.

Once accepted for graduate study, a graduate non-degree (GND) student may continue to enroll for graduate credit as long as all other academic regulations are satisfied. A maximum of nine semester hours of credit earned at Salisbury State University prior to formal admission to a master's degree program may be applicable toward requirements for the degree, provided such credits are appropriate for the degree program desired and conform with the regulations of the Office of Graduate and Continuing Education.

### Continuous Registration

Students who are admitted to graduate study must register for at least one course every calendar year. If a student does not register for a course each calendar year, the student will be automatically withdrawn from graduate study and must apply for readmission. Readmission will require payment of the application fee of \$25, but will not require submission of any other documents if the readmission is sought within seven years from the time of initial admission.

### Admission of International Students

International students who demonstrate graduate ability and proficiency in the English language may be offered admission. International students should submit all documents required for admission by May 1 for the fall semester and September 1 for the spring semester. Official copies of transcripts showing completion of the equivalent of the American baccalaureate requirements must be sent directly to the Office of Graduate and Continuing Education by the institution at which such work was completed. Documents not written in English must be accompanied by English translations.

In addition, applicants whose native language is other than English must take the Test of English as a Foreign Language (TOEFL) and have the results forwarded to the Office of Graduate and Continuing Education. Information on the test dates and test centers for the TOEFL may be obtained by writing to: Test of English as a Foreign Language, Box 899, Princeton, NJ 08540. A minimum of 550 on the TOEFL is required for admission. All international students who attend Salisbury State University will be given an English Placement Examination upon their arrival on campus. Any student who does not demonstrate proficiency in English will either be required to enroll in the compensatory English program or be withdrawn from the University. The University will forward a financial statement for completion by the applicant. Prospective students must also submit a financial statement certifying the ability to meet all costs consequent to attending the University. If the applicant meets all requirements, a graduate application will be accepted.

### Graduate Credit During Senior Year

Salisbury State University undergraduates who are within six semester hours of completing requirements for the baccalaureate and who have submitted the *Application for Admission to Graduate Study*, the application fee, two completed recommendation forms and an appropriate standardized test score may register for up to

six hours of graduate credit at the 400 level (or 500 and 600 levels in business administration) to be taken concurrently with the remaining courses in the baccalaureate program, upon the approval of the dean of graduate and continuing education. Graduate credit will be awarded only upon completion of baccalaureate requirements by the end of the semester in which the final course requirements were begun.

### Transfer Credit

On the recommendation of the faculty advisor, and with the approval of the master's degree program director and the dean of the Office of Graduate and Continuing Education, a student may transfer up to nine semester hours of graduate credit from other accredited institutions, subject to the following conditions. Credits proposed for transfer must be: (1) directly related to the program in which the student desires to study and approved by the program director and the dean of graduate and continuing education; (2) acceptable for graduate degree credit by the home institution; and (3) supported by an official transcript showing graduate credit earned with grade of B or better.

Students planning to earn graduate credit at other institutions for possible transfer toward master's degree requirements at Salisbury State University will, in all cases, contact the Office of Graduate and Continuing Education and request the *Permission to Study at Another Institution* form. Students should give full particulars on the courses to be taken including a copy of the course description and the number of hours involved in course instruction, so that a decision can be made in advance regarding the acceptability of such credit for transfer. In each case, the student should make certain that classification as a "graduate student" has been obtained at the institution from which the transfer of credit is expected. Credits earned by correspondence are not eligible for transfer. No credit will be awarded for any course taken before official approval to enroll in the course has been granted.

Transfer credit taken more than seven years prior to the date of graduation may not be counted toward a graduate degree (see "Time Limitation"). Transfer credit that has been applied to one graduate degree may not be applied to a second graduate degree.

The cumulative grade point average of each student will be calculated *only* on work taken at Salisbury State University.

### Faculty Advisory System

On admission to a master's degree program, the student is assigned to a faculty advisor in the appropriate field of study. The advisor's role is to help a student develop a valid plan of study and to recommend to the respective program director and to the dean of graduate and continuing education those candidates who have met program requirements for the master's degree.

Full admission, non-degree students and provisionally admitted students will be assigned a general graduate faculty advisor to assist in course selection and registration.

The student is ultimately responsible for formulating a plan of study which satisfies University and master's program requirements while meeting personal and professional goals. In order to develop and schedule such a plan of study effectively, the student should meet with the faculty advisor (1) upon admission to graduate study, (2) upon admission to a degree program, (3) periodically throughout the program and (4) at the start of the semester prior to the awarding of the degree. Where the student and the faculty advisor agree to deviations from the program of study, such changes must be approved in writing by the advisor, the program director, and the dean of graduate and continuing education, and entered as approved on the student's record.

### Catalogue Selection

A student admitted to a master's degree program is generally allowed to satisfy graduation requirements as stated in any single *Graduate Catalogue* of the University which satisfies all of the following conditions:

1. The catalogue *does not predate by more than seven years* the catalogue in effect at the time of the student's graduation.
2. The catalogue selected was published no earlier than the time of the student's admission to a master's degree program at the University.
3. The catalogue selected meets all requirements imposed by external agencies.
4. The catalogue does not require the University to retain and/or provide disestablished policies, curricula or special facilities, or to continue to provide resources unnecessary for the completion of the existing academic program.

### Time Limitation

All work toward the master's degree (including transfer credits and thesis, if applicable) must be completed within seven calendar years from the end of the academic term in which such work began. Transfer credit taken more than seven years prior to the date of graduation may not be counted toward a graduate degree.

### Course Load

The unit of credit is based on the semester system. The minimal course load for a graduate student attending full time is nine credit hours per semester. Requests for course loads in excess of 12 per semester must be approved by the program director and by the dean of graduate and continuing education. Six hours credit is considered a full course load for the summer or winter session. Requests for course loads in excess of nine per summer session or six per winter session must be approved by the program director and by the dean of graduate and continuing education.

### Class Attendance

Students are expected to attend all class meetings of courses for which they are registered unless informed otherwise by the instructor concerned. Frequent unexcused absences, together with unsatisfactory work due to absence, may result in exclusion from the course.

### Course Numbering System: Graduate Credit

Courses at the 500 and 600 levels offer graduate credit exclusively and are not available to undergraduates. Courses at the 400 level appearing in this catalogue may be taken for graduate credit or for undergraduate credit. Graduate students enrolled in such courses are expected to do graduate level work and to meet requirements more rigorous than those established for undergraduates. It is the responsibility of the individual instructor to define precisely the quality and quantity of work that is expected from members of classes, both graduates and undergraduates.

### Grading System

A four-point grading system is used to identify the quality of academic work. The grade of A carries four grade points per credit hour, B carries three points, C carries two points, and F carries zero points. A cumulative grade point average of 3.0 on all work taken in pursuit of degree requirements is required for graduation. The following grades and symbols are used to evaluate the student's work in courses taken for graduate credit:

A (Excellent)	IP (In Progress. Used for grading on-going thesis projects and independent studies; will be converted to letter grade upon completion.)
B (Good)	NR (Grade Not Reported by Instructor)
C (Below Standard)	W (Withdrawal)
D (Poor, with no credit for degree allowed)	WP/WF (Withdrawal Passing/Withdrawal Failing)
F (Failure)	
AU (Audit. Approved attendance without credit.)	
I (Incomplete)	

The symbol "I" denotes non-completion of course material for reasons beyond the student's control and is assigned only if the course deficiencies result from unavoidable circumstances. This symbol generally becomes a grade of F if the work is not made up prior to midsemester of the next full semester for which the student is enrolled, or at the end of one calendar year, whichever is earlier.

The symbol "W" denotes that the student officially withdrew from a course or from the University during the schedule adjustment period of the fall or the spring semester or during the schedule adjustment period of the summer or the winter session. (For specific dates, students should refer to the University's "Academic Calendar.") For students who withdraw from the University after these deadlines, the symbols "WP" or "WF" are assigned to denote the student's status at the time of withdrawal. However, for students who withdraw from only a part of their course loads after these deadlines but who remain registered for at least some part of their original course loads, a grade of F will be recorded for the courses dropped.

### Academic Standards

To remain in good academic standing, a student admitted to graduate study must maintain a cumulative grade point average of at least 3.0 on all graduate courses. If the cumulative average falls below 3.0 the student will be placed on probation. Dismissal from graduate study and a master's degree program is automatic if the grade point average is not restored to 3.0 by the time of completion of the next nine hours of credit following the semester in which the student drops below 3.0.

In exceptional circumstances, a student dismissed for academic deficiency may be considered for *Readmission* to the program from which dismissal occurred or to another master's degree program. *In no case will such readmission to graduate study be granted prior to one calendar year following the term of dismissal.* Such a student must submit the appropriate application form to the Office of Graduate and Continuing Education not later than 90 days prior to the term for which admission is desired. In each case, *the application*

must be accompanied by a letter showing reasons for lack of previous academic success and indicating reasons why acceptable academic performance might be expected in the future. Decisions on such applications will be made by the dean of graduate and continuing education after consultation with the program director offering the degree program to which admission is requested.

### Appeal Process

A student may appeal decisions made under the academic policies and regulations set forth in this catalogue. Prior to initiating the appeal process the student and the faculty advisor should confer. The appeal process shall be initiated upon written request by the student. An appeal regarding the program will be heard first by the program director. A classroom-related appeal will be heard first by the instructor. The appeal process then proceeds from department chair to school dean or the dean of graduate and continuing education to the vice president of academic affairs, then finally to the president.

### Academic Dishonesty

The University expects all students to conduct themselves in accordance with the highest standards of personal integrity and academic honesty.

It is each faculty member's responsibility to maintain the standards of academic honesty in all matters related to the faculty member's coursework. The term "academic dishonesty" means a deliberate and deceptive misrepresentation of one's own work. Misrepresentations include but are not limited to:

- A. Plagiarism: presenting as one's own work, whether literally or in paraphrase, the work of another.
- B. Cheating on exams, tests, and quizzes: the wrongful giving or accepting of unauthorized exam material and the use of illegitimate sources of information.
- C. Illicit collaboration with other individuals in the completion of course assignments.
- D. Use of fraudulent methods in laboratory, studio, field work or computer work.
- E. Other willful and deliberate acts generally recognized as being dishonorable and dishonest.

### Procedure For Handling Cases of Alleged Academic Dishonesty

#### STEP 1: Faculty Action

Individual faculty members deal directly with any cases of academic dishonesty which arise in the faculty member's coursework. If a faculty member suspects a student of academic dishonesty, the faculty member will first advise the student of the accusation before imposing a penalty and allow the student an opportunity to question the accusation. The faculty member may then impose an appropriate written sanction, reflecting the seriousness of the act and ranging from an informal warning to, but not greater than, the issuance of a grade of F for the course and/or removal from the course. If the faculty member issues a grade of F for the course, notification of the action must be sent to the University Judicial Officer. If the faculty member feels the case warrants punishment beyond the issuance of an F grade for the course and/or removal from the course, the faculty member may appeal to the University Judicial Officer (as described in Step 3 below), provided that the faculty member requests such appeal within five calendar days of the faculty member's meeting with the student.

#### STEP 2: Student Action

A student who is accused of academic dishonesty by a faculty member may either accept the penalty imposed by the faculty member or request a conference with the University Judicial Officer in the Office of the Dean of Students. The request for a conference shall be made within five calendar days of the student's receipt of the written sanction referred to in Step 1 above.

#### STEP 3: Conference with the Judicial Officer

If, in the judgment of the faculty member, the alleged act of academic dishonesty warrants extreme sanctions, the faculty member may request that the matter be brought before the University Judicial Officer for consideration and recommendation for disposition, as provided for in Step 1 above. Similarly, if the student wishes to appeal the decision of the faculty member (as outlined in Step 2 above), the student may request a conference with the University Judicial Officer for consideration and recommendation for disposition.

In the event that either the faculty member or the student desires a conference concerning the matter, with the University Judicial Officer the officer shall meet with the parties concerning the matter, give consideration to differing views and make recommendations for disposition.

#### STEP 4: Formal Hearing, University Judicial Board

After conferring with the University Judicial Officer, the faculty member or the student may appeal to the University Judicial Board within five calendar days of such conference. The University Judicial Board shall then convene to consider the appeal and render a decision.

### Financial Assistance

A limited amount of financial aid in the form of graduate assistantships from the University and grants from the Maryland Other Race Grants Program is available each year to selected graduate students. Information concerning such assistance may be obtained from the Graduate Office.

### Tuition and Fees

Tuition for graduate students classified as Maryland residents is \$82 per semester hour for graduate credit. Tuition for graduate students classified as out-of-state residents is \$86 per semester hour for graduate credit. In addition, an out-of-state fee of \$15 payable at each registration is assessed each graduate student residing out of state.

Also payable at each registration is a registration fee of \$23. The following additional fees, usually non-recurring, are also applicable for most graduate students: admission to graduate study, \$25; diploma fee, \$50; on-campus parking fee (payable once annually between September 1 and August 31), \$10; and transcript fee, \$5.00 per copy. A penalty of \$25 is charged for late registration.

There is a facilities fee of \$3 per credit hour for all graduate students.

It should be noted that tuition and fees are subject to change without notice by action of the Board of Regents of the University of Maryland System.

### Official Withdrawal and Refund Procedures

*Students are urged to note this information with care:*

A graduate student who finds it necessary, after registration, to drop a part of his/her course load, or to withdraw from the University completely for that term, should in all cases complete the official drop or withdrawal form and submit it to the Office of the Registrar. This assures the student that any refund due will be processed automatically, and that the change of registration will become a matter of record.

Students failing to comply with regulations governing official withdrawal and/or dropping of courses will receive a grade of F for courses from which they withdraw or drop unofficially, and will forfeit all right to refunds which might otherwise be made.

Detailed procedures for official withdrawal from the University and official dropping of courses, including deadlines for submitting forms necessary for the disbursement of refunds, appear regularly in the Registration Bulletin for Undergraduate, Graduate and Continuing Education and in the Summer Session Bulletin and the Winter Term Bulletin.

### Application for Diploma

It is the responsibility of the individual graduate student to check with his/her faculty advisor to make sure that all degree requirements have been fulfilled and to make the necessary arrangements at the Office of the Registrar for graduation.

Each degree candidate must make application for his/her diploma. *The Application for Diploma* is available at the Office of the Registrar and must be completed and returned to the Cashier's Office, together with payment of the diploma fee, **not later than the end of the drop/add period of the final semester before graduation.**

If the student fails to file the *Application for Diploma* by this deadline, graduation may be delayed one semester. Any student who finds it necessary to postpone graduation must submit a new *Application for Diploma* to the Office of the Registrar.

### Transcripts and Certification of Completion of Degree Requirements

Transcripts of graduate records and certification of the completion of degree requirements may be obtained by contacting the Office of the Registrar. Certification of completion of degree requirements will be made only after all requirements are, in fact, completed and after the *Application for Diploma* and diploma fee are submitted.

### Professional Certification

Requirements for the various teaching and administrative state certificates change from time to time and are determined by agencies other than the University. Therefore, the University cannot guarantee that a particular graduate program will automatically fulfill requirements for any of the various certificates available. Students seeking such certification are advised to consult a certification specialist within their state departments of education for information on the particular certification requirements they may wish to meet.

## STUDENT SERVICES, PROGRAMS AND POLICIES

### General Information

Student services, programs, policies and procedures exist at Salisbury State University to complement the academic mission of the institution. Student services, programs, policies and professional staff focus on enhancing the teaching/learning environment for students and faculty, and on facilitating the personal development of learners. These goals are accomplished in part by services, programs and staff in offices of the Dean of Students, the Center for Personal and Professional Development, the Health Center, the University Center and the Department of Public Safety.

Information on these University departments follows below.

### SERVICES

#### University Center (543-6100)

The University Center is the social, recreational and cultural center for the University. Programs, services, facilities and staff implement extracurricular activities that complement the formal classroom and that benefit all members of the University community, especially students. The facility promotes informal gatherings of students, faculty and staff. The University Center contains a snack bar, bookstore, quiet lounge, meeting rooms, post office, games area and information desk. Administrative offices are located in room 222.

#### The Book Rack (University Bookstore) University Center (543-6085)

The Book Rack is located in the University Center. Its primary purpose is textbook sales. The store also services a variety of other needs including paperback books, school supplies, drug supplies, gift items, posters, greeting cards, bicycle accessories, film and photographic supplies, newspapers and magazines.

Hours for The Book Rack are posted. In general, the store is open 9 a.m.-7 p.m., Monday-Thursday and 9 a.m.-5 p.m., Friday.

Returns for full credit are accepted on new and unmarked items for two weeks from the date of purchase upon presentation of the sales receipt. Textbook returns are permitted during the first two weeks of the semester only. Used books are purchased as a service to students during exam week each semester. Special orders are accepted for books and records.

#### The Center for Personal and Professional Development University Center, Room 263 (543-6070)

The University staff recognize that many students experience stress and personal problems which interfere with academic success. Specific problems might be of a personal, relationship, family, academic or vocational nature. Problems experienced by students include:

performance anxieties	death/loss issues
testing	relationships
speaking	drug/alcohol
recitals	depression
athletics	weight/eating concerns
sexuality concerns	academic/vocational issues
time management	

All counseling is *confidential*, and there is no fee. Referrals to appropriate departments or agencies are provided.

In addition to personal psychological counseling, the center offers developmental workshops to various student groups on campus.

Information and appointments with a professional counselor can be made by stopping by the office in the University Center. Students may take advantage of walk-in hours, 11 a.m.-2 p.m., Monday-Thursday.

#### Disabled Students University Center, Room 201 (543-6080)

Students capable of academic success, regardless of their disabilities, are admitted to Salisbury State University. Faculty and staff work cooperatively to assist disabled students in educational endeavors and

adjustments to the campus community.

Salisbury State University is recognized as a barrier-free campus. Residence hall space for disabled students is available in four of seven halls. Sidewalks and entrances to all buildings are ramped.

Prospective students are encouraged to visit the University to become familiar with the campus and to meet support staff prior to making their final acceptance decision. The Dean of Students Office welcomes inquiries from students with special needs.

#### Health Center Holloway Hall, Room 180 (543-6262)

Recognizing that good health is essential to effective learning, the University maintains a health service available to all full-time students. Part-time and special students are eligible for Health Center services upon payment of activities fees. The Health Center, located in Holloway Hall across from the library, provides confidential treatment of illness and injuries through a well-equipped facility and expert professional staff, including a physician and five nurses with specialized training in college student health. Other services are available five minutes from campus at Peninsula General Hospital Medical Center, which includes a modern 340-bed facility and an emergency room open 24 hours a day, seven days a week.

Inpatient care, i.e. 24-hour infirmary service, is not provided by the Health Center; however, nursing staff are members of the Crisis Management Team and are notified by pager system in the event of an emergency.

If a student should contract a contagious disease or acute illness, the family is notified and required to arrange for care of the student through the recovery period.

Prior to treatment in the Health Center, each student is required to complete a health history form. *An immunization record is required of all students regardless of age*, and failure to provide this information may result in students being unable to register.

The University Health Center assumes no financial responsibility for student care other than that provided by the Health Center. Students are urged to carry their own accident and health insurance since the University is not legally responsible for accidental injuries and resulting medical expenses. A University endorsed health insurance plan is available; brochures on the plan are located in the Health Center.

Health Center hours are posted each semester at the center.

#### Accident and Health Insurance Holloway Hall, Room 180 (543-6262)

Students are encouraged to carry their own accident and health insurance since the University is not legally responsible for accidental injuries and resulting medical expenses. A University endorsed health insurance plan is available; brochures on the plan are mailed to each student prior to the fall semester and additional copies are located in the Health Center.

#### Department of Public Safety Holloway Hall, Room 022 (543-6222)

The Department of Public Safety, located in Holloway Hall, room 022, can be contacted 24 hours a day. There are two sections of this department—Campus Police and Safety Services. Campus Police services include investigation of crimes and incidents on campus, response to emergencies, vehicle registration, parking enforcement, lost and found, and physical security of buildings. The Public Safety section ensures that the environment is free from hazards that may cause injuries to members of the University community. This is accomplished through periodic inspection of University buildings and grounds and through campus-wide involvement and information about fire and safety matters.

#### Vehicle Rules and Regulations

The University extends to students the privilege of driving and parking motor vehicles on the University campus. In return for this privilege, each student assumes the obligation of abiding by the rules and regulations of the University governing the use of motor vehicles on campus.

Each student who wishes to drive or park a motor vehicle on the campus must make application to do so at the time of academic registration. Application must also be made at any time following registration when a motor vehicle is brought onto the campus. A driver's license and state automobile registration card are required to register a vehicle. Freshmen who reside in residence halls are not permitted to register a vehicle on campus.

Specific traffic rules and regulations are distributed to all students upon registration of a vehicle. It is the student's responsibility to thoroughly read and understand these regulations and to abide by them. Violations of the regulations will result in a fine and/or revocation of driving and parking privileges and/or possible impoundment of the vehicle at the student's expense. The University assumes no responsibility for the car

and/or protection of any student's vehicle or its contents.

Vehicle registration is held in the Department of Public Safety. Monday-Friday, 8 a.m.-4:30 p.m. A \$10 fee is charged for each vehicle registered.

## GRADUATE DEGREE PROGRAMS The Master of Business Administration

The Franklin P. Perdue School of Business was created with a multimillion dollar enhancement fund to ensure that the programs offered by the school maintain a high level of excellence. The Perdue School is the largest center for business training and development at the university level in this region. Key characteristics of the school are its emphasis on the entrepreneurial spirit, its blend of theoretical and applied study, and its close interaction between the business community and the classroom. The Perdue School is committed to superior teaching with a concern for students and their individual development as well as the employment of high quality faculty engaged in service and research. The M.B.A. is offered in two formats: the traditional evening program and the executive program. The evening M.B.A. program is designed to allow both recent graduates and experienced managers to complete the degree requirements at an individualized pace. Students may enroll on either a part-time or a full-time basis, with completion generally in three-to-five semesters, depending on enrollment status. The Executive M.B.A. program is specifically designed to allow experienced managers and professionals to obtain the M.B.A. in a timely fashion without career interruption. Executive students attend day-long classes on Saturdays and complete all degree requirements in 20 months.

### Traditional M.B.A. Program

#### I. Admission to the Program

In addition to the general requirements for admission to the Salisbury State University Division of Graduate Study, described previously in this catalogue, applicants for admission to the M.B.A. program must have:

- A. Completed the core of required undergraduate courses cited below or their equivalent graduate survey courses.
  1. Principles of Accounting I and II
  2. Macro- and Micro-economic Principles
  3. Corporate Finance
  4. Principles of Management
  5. Principles of Marketing
  6. Elementary and Intermediate Business Statistics
  7. Business Law
  8. Production Management

In addition to the above required courses, prospective M.B.A. candidates must have a course in computer information systems and either finite math, applied calculus or an equivalent college level math course.

- B. Attained a total score of at least 950 points based on the formula: 200 times the student's overall grade point average (on a 4.0 scale) plus the GMAT (Graduate Management Admission Test) score; or at least 1000 points based on the formula: 200 times the upper division grade point average plus the GMAT score.
- C. Obtained two letters of recommendation from persons qualified to judge the applicant's ability to do graduate work in business.
- D. Submitted a resume including a statement of reason for pursuing the Master of Business Administration and a statement of career goals.

#### II. Provisional Admission

Provisional admission may be granted to applicants who have not yet completed the required core of undergraduate courses but whose grade point averages and GMAT scores meet the required total shown in the admissions formulas above. Students in this category should apply for admission as soon as possible so that a specific, individualized plan for satisfying core requirements may be developed in consultation with the director of business graduate programs of The Franklin P. Perdue School of Business. Provisionally admitted students may, with approval of the director, take a maximum of six semester hours of M.B.A. courses (600-level) while under the provisionally admitted status.

Provisionally admitted students must maintain a cumulative grade point average of at least 3.0 in undergraduate M.B.A. prerequisite courses and 500-level courses (combined) with no grade less than C.

#### III. Course Requirements

- A. While matriculating, fully admitted students must maintain a cumulative GPA of at least 3.0 in 600-level courses with no grade less than C. To be eligible to receive the M.B.A., the graduate student must complete an approved program of 30 semester hours with a cumulative grade point average of at least 3.0 and with no grade lower than C. Of the 30 semester hours, 24 are required, while the remaining six hours are elective (i.e., electives within the M.B.A. program) and may be used for individualizing the student's program. A breakdown of the required and elective courses is shown below.

#### Required

- Organizational Theory/Behavior
- Economic Environment of the Organization
- Managerial Accounting
- Corporate Financial Management
- Marketing Strategy
- Management Science Models
- Corporate Strategic Planning and Policy
- International Business Seminar

#### Elective

- Research Methodology
- Organizational Behavior Seminar
- External Environment of the Organization
- Entrepreneurship
- Information Systems for Management Decisions
- Special Topics in Business
- Integrated Accounting Systems
- Advanced Accounting
- Advanced Auditing

B. The M.B.A. curriculum has been arranged so that full-time M.B.A. students can finish the degree requirements in three semesters and the part-time M.B.A. students can finish in five semesters, providing students enter the program in the fall semester. All requirements for the M.B.A. must be completed within seven years of the end of the semester in which M.B.A. work began.

#### IV. Financial Assistance

Awarded on the basis of academic achievement, a limited number of graduate assistantships and Perdue scholarships are available for qualified M.B.A. students. Applications for graduate assistantships may be obtained from the dean of graduate and continuing education. Information and applications for Perdue scholarships may be obtained from the director of business graduate programs of The Franklin P. Perdue School of Business.

### Executive M.B.A. Program

#### I. Admission to the Program

In addition to the general requirements for admission to the Salisbury State University Division of Graduate Study, applicants for admission to the Executive M.B.A. program must have:

- A. Significant work experience with at least three to five years in a managerial or professional position.
- B. Attained a total score of at least 950 based on the formula: 200 times the student's overall grade point average plus the GMAT score; or at least 1000 points based on the formula: 200 times the upper division grade point average plus the GMAT score. Students who have not taken the GMAT at the time of admission will take the exam as a group at a time determined by the Perdue School director of business graduate programs. Students with less than a 2.75 overall GPA will be admitted only in rare instances.
- C. Submitted two letters of recommendation from persons qualified to judge the applicant's ability to do graduate work in business. One letter should be from an official of the applicant's organization, preferably the applicant's immediate supervisor.
- D. Submitted a resume including a statement of reason for pursuing the M.B.A. and a statement of career goals.
- E. Interviewed with the director of business graduate programs of The Franklin P. Perdue School of Business.

#### II. Course Requirements

- A. The Executive M.B.A. is a 45-semester hour (15-course) program offered on Saturdays. Executive M.B.A. students must maintain a cumulative grade point average of at least 3.0 with no grade less than C. To be eligible to receive the M.B.A., the graduate student must complete the executive program of 45 semester hours with a cumulative grade point average of at least 3.0 with no grade lower than C. The program is designed with a lock-step format in which all students take the 15 required courses in the same sequence in 20 months. The courses are shown below:

- Graduate Survey of Quantitative Analysis
- Graduate Survey of Economics
- Legal Environment of Business
- Graduate Survey of Marketing
- Graduate Survey of Accounting
- Executive Management: Theories and Applications
- Graduate Survey of Finance
- Management of Production and Operations
- Marketing Strategy
- Managerial Accounting
- Information Systems for Management Decisions
- Entrepreneurship
- Corporate Financial Management
- International Business Seminar
- Corporate Strategic Planning and Policy

- B. Students are required to take all courses in the 45-semester hour curriculum. No waiver (or transfer credit) for previous coursework or experience is given.

## The Master of Education

The Master of Education (M.Ed.) is a professional degree designed for those students seeking advanced level preparation in the education professions. The curriculum includes fundamental, theoretical and practical experiences within specific areas of concentration. Some of the general objectives are as follows:

1. To provide school personnel an opportunity for personal and professional growth and development through graduate study.
2. To provide classroom teachers, administrators and specialists an opportunity to develop and improve competencies in their specific disciplines.
3. To provide candidates with an opportunity for additional preparation needed to advance to one of the more specialized roles in the schools.

Students seeking the Master of Education at Salisbury State University will complete an approved program of study including at least 33 semester hours of graduate credit with a cumulative average of B or higher, with no grade lower than C, and no more than six credit hours of C in their programs.

In addition to the general requirement for admission to the Salisbury State University Division of Graduate Study, the student must make application for admission to the Master of Education program. Acceptance to the Division of Graduate Study does not constitute acceptance to the Master of Education program.

### I. Admission to the Program

A. To be eligible for admission as a degree-seeking student to the Master of Education program at Salisbury State University, the prospective student must:

1. Submit an application for admission including a written description of the reasons for pursuing graduate study in education and a statement of career goals within the discipline.
2. Submit acceptable scores on the Miller Analogies Test from an appropriate agency. Testing arrangements may be made through the Psychology Department on campus.

Credentials for admission to the Division of Graduate Study should be sent to the Office of Graduate and Continuing Education. Credentials for admission to the Master of Education program should be sent to the School of Education and Professional Studies. Following the review of these materials by the School of Education and Professional Studies Graduate Committee, the Master of Education program director will assign those students admitted to the program a faculty advisor, and the director will formally notify the student of admission or denial to the program.

#### B. Plan of Study

1. Prior to registration, it is the student's responsibility to become familiar with program requirements and to confer with the assigned faculty advisor to develop a plan of study. During the student's first semester of registration, the student will submit the *Plan of Study* form for approval by the faculty advisor and the program director.

#### C. Non-degree, Graduate Standing

Questions regarding the applicability of courses taken as a non-degree graduate student will be resolved by the School of Education and Professional Studies Graduate Committee.

### II. Course Requirements

A. The core requirements in the Master of Education program are designed to:

1. Encourage a spirit of inquiry that will enable students to design and interpret research.
2. Assist students in developing a theoretical background that applies to human development, learning and instruction, and evaluation.
3. Help students acquire an appreciation of historic traditions, broad cultural themes, and social trends affecting the dynamics of educational systems worldwide and scientific approaches toward the study of educational issues and their critics.
4. Provide students with the opportunity to develop an understanding of human relationships and how they affect both the teaching/learning process and the context in which schools operate, as well as develop interpersonal/group skills which will enhance their school effectiveness.

A core of 12 semester hours in foundation courses in Education is required as indicated. It is strongly recommended that Education 502: Introduction to Research (3 semester hours) be taken at the outset of graduate study.

#### Required (12 semester hours)

Education 502: Introduction to Research (3)

#### Choice of one of the following three:

Education 500: Historical, Philosophical and Social Foundations (3), or  
Education 501: Comparative Education (3), or  
Education 510: Seminar: Recent Issues in Education (3)

#### Choice of one of the following three:

Education 508: Seminar: Research in Human Development, (3) or  
Education 532: Measurement and Evaluation (3), or  
Education 545: Learning and Instruction in the Schools (3)

#### Choice of one of the following three:

Education 503: Classroom Management (3), or

Education 504: Multicultural Education (3), or  
Education 584: Group Dynamics in Classroom Settings (3)

In addition to foundation courses, each Master of Education student will select an area of concentration consisting of an approved 12 semester hours concentration, six hours of approved electives and a master's thesis or approved course substitute. Detailed descriptions of available courses and additional information concerning each area of concentration will be provided by advisors.

The area of concentration shall be selected from one of the following areas: counseling, early childhood education, educational administration and supervision, elementary education, mathematics, media and technology, music, psychology, reading education, or any one of the following secondary education specializations: English education, mathematics education, science education or social science education. At least six semester hours in the concentration shall be selected from courses at the 500 level (i.e., available exclusively for graduate credit).

#### Example:

- 12 Semester Hours - Foundation courses
- 12 Semester Hours - Concentration
- 6 Semester Hours - Approved electives
- 3 Semester Hours - Thesis project or course substitute

#### Concentration

Areas of concentration will be determined by the student and the School of Education advisor in cooperation with individual academic departments.

#### Thesis Option or Course Substitute

Students are required to complete a thesis or an approved course substitute. Guidelines for these options are available in the School of Education.

Those electing the thesis option will enroll in Education 530: Directed Research (3 semester hours) and will submit the completed project to the project director. They must also satisfactorily complete an oral examination on the project, to be scheduled through the faculty advisor after completion of the project.

## The Master of Arts in English

### I. Admission to the Program

In addition to the general requirements for admission to the Salisbury State University Division of Graduate Study, outlined previously in this catalogue, an applicant for admission to the M.A. in English program must have:

- A. The undergraduate English major, its equivalent (30 semester hours of English beyond freshman English), or a major in a related area, with a 3.0 grade point average in those undergraduate courses. A student who fails to meet this requirement should consult the English Department's graduate director regarding removal of deficiencies.
- B. Acceptable scores on the Graduate Record Examination (GRE) Aptitude Test and GRE Advanced Test in English. A minimum score of 500 on the Advanced Test in English is required; however, under special circumstances, the English Department Graduate Committee may admit candidates who do not meet this condition. A student who chooses the language/composition concentration described below should only submit the GRE Aptitude test results.
- C. Two letters of recommendation from persons qualified to judge the applicant's ability to do graduate work in English.
- D. A written description of the applicant's reason for pursuing English graduate study and academic goals within the discipline.

All application materials should be submitted to the dean of the Office of Graduate and Continuing Education thirty days prior to the beginning of the semester.

### II. Course Requirements

- A. To be eligible to receive the M.A. in English, the graduate student must complete 33 semester hours. Included in the 33 hours must be a minimum of nine semester hours of English at the 500 level. Students in Plan C and teaching fellows in the literature option must take a minimum of six semester hours of English at the 500 level.
- B. The graduate student must maintain a cumulative average of 3.0 or higher on all courses and must have no grades below C. After completion of the first three courses (nine semester hours) in the program, any final grade lower than C will disqualify the student from continued enrollment in the program.
- C. The student may choose one of the three following ways to meet degree requirements. All course selections must be approved by the Graduate Director in English.
  1. Plan A (Non-thesis)
    - a. At least 24 semester hours of English at the 400-500 level.
    - b. Up to nine semester hours at the 400-500 level in one supporting discipline, e.g., education,

history, modern languages, philosophy, psychology, sociology, communication arts or art.

2. Plan B (Thesis)
  - a. At least 21 semester hours of English at the 400-500 level.
  - b. Up to nine semester hours in one supporting discipline listed under Plan A above.
  - c. Three semester hours thesis credit (English 531).
3. Plan C (Language/Composition)
  - a. At least 18 semester hours of coursework at the 400-500 level in language study and writing pedagogy, of which the following are required: English 431 and 465; Education 454 and 455.
  - b. The required course, English 463: Literary Analysis, and up to 12 semester hours of 400-500 level course electives in English; six of these hours are to be in literature. Subject to the graduate director's approval, three of these 12 semester hours may be elected from 400-500 level courses outside the English Department. Plan C students are not restricted to the education courses even though they are required to take six hours in education as core courses.

### III. Procedures of the Academic Program

Students in Plans A or B may elect to concentrate in an area of emphasis compatible with their needs and with the availability of course offerings outlined in the department's course scheduling sequence. This area may be a period of British, American or comparative literature, a genre of literature, or the study of language, rhetoric and composition. Within the departmental course offerings, students may elect also a subordinate emphasis upon folklore or film.

### IV. Additional Requirements

To help maintain a measure of commonality and a liberal scope to the degree program, all candidates for the M.A. in English in Plans A and B must take a written comprehensive examination. As soon as students have been admitted to the program, they will be provided with a list of primary texts to prepare for the examination. Students are responsible for all materials on the list regardless of the coursework they may elect. Students may take the examination at the conclusion of any semester in which they currently maintain good standing in the degree program, though they may not delay the examination longer than one full semester following the completion of their coursework. Every examination will be evaluated by two members of the English Department faculty, unless a third opinion of an examination's merits should be required. In order to earn the M.A. in English, a student must pass the comprehensive examination within two attempts.

## The Master of Arts in History

### I. Requirements for Admission to Candidacy

- A. At least 15 semester hours in history from the junior-senior level or above, including a course in historiography, and a grade point average of 3.0 or better in all history courses. This preparation is designed to serve as a foundation for graduate study in history and is therefore ineligible for inclusion in the 33 semester hours normally required for the degree. Students lacking this preparation must make up the deficiency prior to becoming eligible for admission to candidacy.
- B. Submission of an official copy of scores on the Graduate Record Examination Aptitude Test. It is expected that students will submit the GRE scores at the time they apply to enter the History Department graduate program.
- C. An acceptable verbal and quantitative score on the GRE Aptitude Test or a minimum 50th percentile is required; however, under special circumstances the History Department may admit candidates who do not meet this condition.
- D. Two letters of recommendation from persons qualified to judge the applicant's ability to pursue graduate studies in history.
- E. Submission of the completed application for admission to candidacy to the dean of graduate and continuing education. This application should be submitted after completing the above requirements and at least 12 semester hours of graduate degree credit, but not more than 18 hours, with a cumulative average of 3.0 or higher and no grade below C.

Graduate degree students are required to earn a minimum of 15 semester hours of graduate credit after admission to candidacy, except in special cases authorized by the dean of graduate and continuing education.

### II. Course Requirements

A minimum of 33 semester hours, with a cumulative grade of 3.0 or higher and no grade below C, is required for the Master of Arts in history. At least 15 semester hours must be taken in courses at the 500 level, and these 15 hours must include at least nine semester hours at the 500 level in history (i.e., courses available exclusively for graduate credit). The remaining six hours must be in history or in the student's designated minor field.

Students admitted to the M.A. program in history may choose either Plan A or Plan B for meeting course requirements. All course selections must be approved by the History Department faculty advisor.

#### Plan A

1. Eighteen semester hours in history
2. Nine semester hours in one minor field (education, English, geography, psychology, etc.)

3. Six semester hours: thesis in history

#### Plan B

1. Twenty-four semester hours in history
2. Nine semester hours in one minor field (education, English, geography, psychology, etc.)

### III. Additional Requirements

All candidates for the M.A. in history must satisfactorily complete both a written and an oral examination near the completion of their program requirements, demonstrating proficiency in the areas of study undertaken. Students should contact the chair of the History Department in this regard after completion of 21 semester hours of graduate credit. Plan A students must complete this examination requirement either prior to or in the semester concurrent with registration for the thesis. In the event of an unsatisfactory performance in whole or in part on these written and oral examinations, the candidate will be eligible for re-examination in whole or in part as the case may warrant. Such re-examination must occur within a year of the original examinations. In any event, a candidate shall be eligible for no more than one written or oral re-examination.

## The Master of Science in Nursing

Graduate education in nursing builds upon generalized preparation at the undergraduate level and provides advanced role preparation and knowledge in a specialized area of nursing. Salisbury State University offers a master's program with a major in family nursing in rural areas, with functional role preparation in either nursing service administration or clinical specialization. The program is also designed to provide a basis for doctoral study in nursing.

Students seeking the Master of Science in nursing must complete an approved program of study, including a minimum of 42 semester hours of graduate credit with a cumulative average of 3.0 or higher and no grade lower than C. The program may normally be completed in two academic years of full-time study. Part-time study leading to the degree is also available.

### I. Admission to the Program

In addition to the general requirements for admission to the Salisbury State University Division of Graduate Study outlined previously in the catalogue, applicants for admission to the graduate program in Nursing must meet the following requirements:

- A. Completion of a National League for Nursing accredited baccalaureate degree program in nursing.
- B. Grade point average of 3.0 on a 4.0 scale.
- C. An official copy of scores on the Graduate Record Examination (GRE) Aptitude Test only.
- D. Completion of a recent undergraduate course in statistics.
- E. Two letters of reference from individuals familiar with the applicant's qualifications for graduate study.
- F. A curriculum vitae, with a statement of reasons for pursuing the Master of Science in nursing and a statement of academic goals.
- G. Proof of current licensure as a registered nurse.
- H. Proof of current malpractice insurance.
- I. Proof of current CPR certification.
- J. Completion of an approved course in physical assessment is recommended.

### II. Course Requirements

A minimum of 42 semester hours, approved by the department advisor and taken in the prescribed sequence according to the functional area selected, must be completed with a cumulative grade point average of 3.0 or better and with no grade lower than C.

Each student will elect to take either clinical specialization or nursing service administration as a functional role. Once the choice has been made, the potential clinical specialist will take Biology 552: Advanced Human Physiology or Education 472: The Theory and Practice of Teaching Adults, and the potential nursing service administrator will take Business Administration 535: Health Care Finance.

### III. Additional Requirements

All candidates for the Master of Science in nursing must take three semester hours of Nursing 545: Research Development and complete a thesis.

Students and their advisors will select a thesis committee composed of three faculty members. At least one of these faculty members must be a member of the graduate faculty from the Department of Nursing. The thesis committee must approve the student's thesis proposal before the student initiates the research.

Upon completion of the thesis, an oral examination will be conducted by the thesis committee. Guidelines for the thesis are provided by the department.

## COOPERATIVE PROGRAM - SALISBURY STATE UNIVERSITY AND WIDENER UNIVERSITY

Salisbury State and Widener University have established a cooperative program to provide expanded opportunities for specialized graduate education in nursing. Through this program, students enrolled in the master's degree program at Salisbury State University may elect to receive advanced preparation at Widener University as a clinical specialist in oncology nursing or burn emergency and trauma nursing. Students enrolled in the master's degree program at Widener University may elect to receive advanced preparation at Salisbury State University as a clinical specialist in family health nursing in rural areas.

## The Master of Arts Degree in Psychology

### I. Concentrations of Study

The Psychology Department offers a Master of Arts program which provides training for psychologists in the concentrations of counseling and school psychology. Both part-time and full-time students are accepted. In addition, the department offers courses available to students in other graduate programs.

### II. Departmental Admission Criteria

Entrance into a program of study in the Department of Psychology is by application and review of credentials. Admission criteria are as follows:

- A. A student must be admitted by both the Office of Graduate and Continuing Education and the Psychology Department Admissions Committee.
- B. Completion of requirements for an undergraduate major or equivalent in psychology or related area with an overall undergraduate grade point average of 2.75 and a grade point average of 3.0 in the major field during the last two years of study.
- C. Completion of an undergraduate course in psychological statistics and a course in the psychology of learning are required because these courses provide a foundation for graduate study in this field. Students without this foundation may be conditionally admitted to the department but must make up the deficiency prior to being unconditionally admitted.
- D. Submission of scores received on the Graduate Record Examination (verbal and quantitative) or the Miller Analogies Test. (MAT).
- E. Submission of three reference letters (using the Office of Graduate and Continuing Education form) preferably including one from a college academic advisor and the most recent employer. The individual making the recommendation should be asked to comment upon the applicant's personal qualities—ideals, honesty and leadership—ability to work in the chosen field (relationship with peers and organizational ability), academic achievement, work experiences and sense of job responsibility.

### III. Admission Procedures

Admission into a program of study is a two-step process involving separate application to both the Office of Graduate and Continuing Education and the Psychology Department. The following materials must be submitted to the Office of Graduate and Continuing Education. All materials must be received at least 30 days before the beginning of the first semester of graduate study:

- A. A completed *Application for Admission to Graduate Study*;
- B. Official transcripts of all previous college course work;
- C. Results of the Miller's Analogy Test or GRE (verbal and quantitative); and
- D. Two letters of recommendation.

Once admitted for graduate study, the student must apply for admission to the M.A. program in psychology by completing the departmental application.

### IV. Academic Requirements

- A. A 3.0 grade point average is required in a prescribed sequence of graduate courses in order to be eligible to receive the Master of Arts.
- B. A minimum of 36 hours of graduate coursework is required.
- C. Each candidate will be required to pass a written comprehensive examination. A written request from the student must be submitted at least one month prior to the examination date. In the event the student does not pass the comprehensive examination, one re-examination may be taken. This exam will be scheduled so that the student has adequate time for review. If the student fails to perform adequately on the second exam, the student will be dropped from the program, but has the right of appeal. Guidelines are provided to students regarding the structure of comprehensive examinations.
- D. Each candidate must satisfactorily complete a master's thesis for three hours credit. The thesis topic must be approved by a committee of three faculty members selected by the student and the student's advisor. The thesis may be research-based (empirical), practiced-based (case formulation and analysis) or theory-based (critical review). Guidelines for the selected option will be provided by the department.

Upon completion of the thesis, an oral examination will be conducted by the student's thesis committee.

### V. Transfer of Credit

- A. A maximum of nine semester hours of graduate credit may be transferred from other accredited institutions. These may not replace any of the requirements except in special cases. Such transfer credit must carry a grade of B or higher, and the coursework must be directly related to the candidate's program of study as approved by the Department of Psychology and the dean of graduate and continuing education.
- B. Credits earned by correspondence courses are not eligible for transfer. Extension program credits may be eligible, subject to the approval of the Department of Psychology.

### VI. Faculty Advisors

Every student will initially be advised by the Director of the Graduate Program in the Psychology Department, who advises the student on courses, approves the course of study, and who acts as a channel of communication between the student and other segments of the University. During the first semester of graduate work, an appraisal is made of each student's strengths and weaknesses. The appraisal forms the basis for subsequent program planning. Such planning is a joint function of the student and the advisor.

## Course Concentrations

### I. Counseling Psychology

This concentration is designed to train community-oriented counseling psychologists who have an interest in the application of intervention models in locations such as mental health centers, college counseling centers, and correctional facilities. Even though the program's emphasis is on the training of applied psychologists, the Department views the competent practitioner as functioning according to the scientist-practitioner model.

All students who complete the Counseling Psychology concentration are expected to have skills and knowledge in the areas of: 1) counseling theories, intervention strategies, and processes; 2) legal, ethical, and professional issues; 3) social, cultural, and psychological foundations of behavior; 4) individual assessment; 5) research and statistics. Laboratory practice and experiences in Mental Health agencies will be employed to synthesize knowledge gained through formal course work with the skills learned on the job.

**A. Required foundation courses:** In addition to Psychology 220 and Psychology 305, the following three courses are viewed by the faculty as essential to building a conceptual foundation for the more advanced courses of the program. Students who have not completed these courses must do so at the beginning of their program.

PSYCH 403 - Measurement and Evaluation in Psychology

PSYCH 405 - Abnormal Psychology

PSYCH 407 - Psychology of Personality

**B. Degree Requirements:** To be considered for graduation, students must meet the following requirements:

1. Completion of required foundation courses.

2. Completion of a course of study according to the following:

#### Theory and Intervention (12 credits)

PSYCH 544 - Clinical Intervention Skills (Req.)

PSYCH 507 - Psychotherapy and Counseling I (Req.)

PSYCH 508 - Psychotherapy and Counseling II (Req.)

PSYCH 581 - Seminar in Professional Psychology (Req.)

#### Assessment (6 credits minimum)

PSYCH 511 - Diagnostic Tests in Counseling

PSYCH 505 - Personality Assessment

PSYCH 520 - Individual Intelligence Testing

PSYCH 521 - Psycho-Educational Assessment

#### Research and Statistics (9 credits minimum)

PSYCH 560 - Statistical Analysis of Experiments (Req.)

PSYCH 555 - Experimental Design (Req.)

PSYCH 531 - Thesis (Req.)

#### Social and Cultural Foundations (3 credits minimum)

PSYCH 406 - Psychology of Attitudes and Attitude Change

PSYCH 409 - Environmental Psychology

PSYCH 503 - Behavioral Problems in Children and Youth

PSYCH 515 - Seminar in Adolescent Behavior

PSYCH 562 - Human Development

EDUC 598 - Counseling with Minority Groups

#### Counseling Practice (6 credits minimum)

PSYCH 425 - Psychology Practicum

PSYCH 525 - Advanced Clinical Practicum

3. Satisfactory completion of comprehensive examinations.

Students will select courses in consultation with their advisors according to their previous experience and their professional interests and goals.

### II. School Psychology

This concentration is designed to train service-oriented school psychologists who have interests in children and young adults with learning and behavior problems related to their schooling. Sensitivity to the school as a social system and understanding of the interrelationships among professional personnel as well as between staff members and students are emphasized. Students who complete this program of study are eligible to apply for certification as a school psychologist level I after obtaining the required period of professional experience.

All students who complete the school psychology concentration are expected to have skills and knowledge in the areas of: 1) counseling theories, intervention strategies, and processes; 2) individual assessment, diagnosis and report writing; 3) research and evaluation; 4) social and psychological foundations and 5) behavioral management in the classroom. Laboratory practice and experiences in the schools will be employed to relate knowledge gained through formal coursework to the skills required on the job.

**A. Required foundation courses:** The following two courses are viewed by the faculty as essential to building a conceptual foundation for the more advanced courses of the program. Students who have not

completed these courses must do so at the beginning of their program.

PSYCH 403 - Measurement and Evaluation in Psychology

PSYCH 407 - Psychology of Personality

**B. Degree Requirements:** To be considered for graduation, students must meet the following requirements:

1. Completion of required foundation courses.

2. Completion of a course of study according to the following:

**Theory and Intervention** (9 credits)

PSYCH 430 - Learning Theory and Its Application (Req.)

PSYCH 581 - Seminar in Professional Psychology

PSYCH 544 - Clinical Intervention Skills

PSYCH 507 - Psychotherapy and Counseling I

PSYCH 508 - Psychotherapy and Counseling II

**Assessment** (12 credits minimum)

PSYCH 505 - Personality Assessment (Req.)

PSYCH 520 - Individual Intelligence Testing (Req.)

PSYCH 521 - Psycho-Educational Assessment (Req.)

PSYCH 525 - Advanced Clinical Practicum (Req.)

**Research and Statistics** (9 credits minimum)

PSYCH 560 - Statistical Analysis of Experiments (Req.)

PSYCH 555 - Experimental Design (Req.)

PSYCH 531 - Thesis (Req.)

PSYCH 530 - Directed Research

**Social and Psychological Foundations** (3 credits minimum)

PSYCH 503 - Behavior Problems in Children and Youth

PSYCH 405 - Abnormal Psychology

PSYCH 423 - Psychology of the Exceptional Child

PSYCH 502 - Psychology of Learning Disabilities

PSYCH 515 - Seminar in Adolescent Behavior

PSYCH 562 - Human Development, or

EDUC 508 - Seminar in Human Development Research

**Educational Perspectives** (6 credits minimum)

EDUC 427 - Classroom Analysis and Correction of Reading Difficulties

EDUC 467 - Seminar: Educating the Mildly Handicapped

EDUC 480 - Teaching Children with Special Needs

EDUC 545 - Learning and Instruction in the Schools

EDUC 520 - The Diagnosis of Reading Disabilities

CMAT 450 - Speech Correction and the Classroom Teacher

3. Satisfactory completion of comprehensive examinations.

Although not required for graduation, students wishing to be eligible for certification as a school psychologist level I must also complete an approved internship in school psychology. This internship consists of a minimum of 500 clock hours of professional experience in a school psychology internship program approved by and under the direction of the Psychology Department. The internship shall include experience in regular and special education programs and shall emphasize assessment.

Students will select courses in consultation with their advisors according to their previous experience and their professional interests and goals.

# COURSES OF INSTRUCTION

## Accounting

**601. INTEGRATED ACCOUNTING SYSTEMS**

**3 hours credit**

Detailed analyses and hands-on application of computerized integrated accounting software systems. Emphasis on general ledger, accounts receivable, accounts payable, payroll, inventory and report writing systems. **Prerequisites:** ACCT 304 and 341; acceptance into the graduate program or consent of the director of business graduate programs. May not be taken for credit by students who have taken ACCT 401. **Three hours per week.**

**604. ADVANCED ACCOUNTING**

**3 hours credit**

Examination of the following advanced accounting topics: foreign currency translations; segment interim and SEC reporting; troubled debt; partnerships; and estates and trusts. **Prerequisites:** ACCT 302 and 305; acceptance into the graduate program or consent of the director of business graduate programs. May not be taken for credit by students who have taken ACCT 404. **Three hours per week.**

**608. ADVANCED AUDITING**

**3 hours credit**

Advanced auditing course building on the concepts introduced in Auditing I. Major topics include: professional ethics, operational auditing, governmental auditing, statistics in auditing, and computers in auditing. **Prerequisites:** ACCT 407; acceptance into the graduate program or consent of the director of business graduate programs. May not be taken for credit by students who have taken ACCT 408. **Three hours per week.**

## Art

**490. INDEPENDENT STUDY**

**Variable 1-3 hours credit**

A course to provide directed study in one or a combination of studio disciplines. May be repeated once under a different subtitle. Students must furnish their own materials. **Prerequisite:** Approval of the department chair prior to registration.

**500. SEMINAR: ISSUES IN ART**

**3 hours credit**

Discussions and research concerning timely topics in art, including direct student participation

and faculty lectures. Topics may vary from semester to semester. May be repeated once for degree credit under different course subtitle. **Prerequisite:** Consent of instructor. **Four hours per week.**

**NOTE:** See Education Department listings for the course, Art Education (Education 495).

## Biology

**410. ESTUARINE BIOLOGY**

**3 hours credit**

This course is a general study of estuarine biology with a focus on the Chesapeake Bay. The biota found there, its unique biology, and current perturbations due to environmental pollution will be covered in detail. A brief introduction to physical and chemical processes of estuaries is also included. **Prerequisites:** BIOL 121, 122 and 201 (BIOL 321 is strongly recommended). **Two hours lecture and two hours laboratory per week.**

**415, 416. RESEARCH IN BIOLOGY**

**3 hours credit each**

Independent study, in which students conduct their own research projects under the supervision of a member of the faculty. **Prerequisite:** Approval of project by supervisor. Normally reserved for advanced undergraduates and graduates. **One hour of formal instruction each week and two additional hours to be arranged individually.**

**418, 419. BIOLOGY SEMINAR**

**1 hour credit each**

Discussions concerning timely topics in biology and related fields. Includes direct student participation and faculty lectures. **Prerequisite:** Consent of the instructor. **One hour per week.**

**422. GENERAL PHYSIOLOGY**

**4 hours credit**

Encompasses the underlying physical and chemical principles of vital activity. Basic mechanisms are emphasized. The laboratory will include techniques in physiological investigation. **Prerequisite:** BIOL 201, 204 or 122 and consent of instructor. **Two hours lecture and three hours laboratory per week.**

**430. PLANT PHYSIOLOGY**

**4 hours credit**

Advanced study of the physiological mechanisms utilized by plants with special reference to higher phyla. **Prerequisite:** BIOL 121 or 203. A minimum of eight hours of chemistry is

highly recommended. **Two hours lecture and four hours laboratory per week.** (Available for either graduate or undergraduate credits.)

#### 435. CYTOLOGY

3 hours credit

A discussion of the structure and function of the cell and its components. Laboratory work is based on light microscopy and electron microscopy. **Prerequisites:** BIOL 101 and 102 or BIOL 121 and 122, and completion of the biology core program or equivalent. **Two hours lecture and three hours laboratory per week.**

#### 440. CONTEMPORARY GENETICS

3 hours credit

A lecture course for advanced undergraduates dealing with the "new genetics" techniques giving rise to the biochemical manipulations of genetic traits through the use of restrictive nucleases, gene cloning, transformation and directed genetic engineering. **Prerequisites:** BIOL 201, 202, CHEM 202, 204, or consent of instructor.

#### 490. SPECIAL TOPICS IN BIOLOGY

Variable 1-3 hours credit

A study of a specific area of biological science. The topics will vary from semester to semester. This course may be taken twice, under different course subtitles recorded with the registrar. **Prerequisites:** BIOL 101 and 102 or BIOL 121 and 122, and approval of the instructor.

#### 501. MODERN CONCEPTS IN BIOLOGY

3 hours credit

A study of the most recent developments in biology, with special emphasis on genetics, animal behavior and sociobiology. This course may be taken twice, under different course subtitles recorded with the registrar. **Prerequisites:** BIOL 101 and 102 or BIOL 121 and 122, and completion of the biology core program or equivalent. **Three hours lecture per week.**

#### 502. BIOLOGY AND ENVIRONMENT

3 hours credit

A study of organisms as integral parts of their environments, including field studies involving applications of environmental principles. **Prerequisites:** BIOL 101 and 102 or BIOL 121 and 122, and completion of the biology core program or equivalent. **Two hours lecture and two hours laboratory per week.**

#### 503. CONTEMPORARY CELL BIOLOGY

3 hours credit

An intensive study of the latest findings in cell biology, with application to the pressing problems of today. **Prerequisites:** BIOL 201, 202 and at

least one year of chemistry. **Three hours lecture per week.**

#### 504. PERSPECTIVES IN MODERN GENETICS

3 hours credit

Intensive study of modern genetics for the advanced student. Findings in molecular, cellular and developmental genetics will be related to classical genetic theory and current problems. **Prerequisites:** BIOL 201, 202 and at least one year of chemistry. **Three hours lecture per week.**

#### 552. ADVANCED HUMAN PHYSIOLOGY

3 hours credit

In-depth study of the physiology and associated anatomic structures of human organ systems. Topics include the cell and the nervous, muscular, circulatory, endocrine, digestive and excretory systems, with separate attention to temperature regulation. **Prerequisite:** B.S. in biology, health related field or education with biology emphasis. **Three hours lecture per week.**

### Business Administration

#### 510. GRADUATE SURVEY OF ACCOUNTING

3 hours credit

An introduction to the principles of accounting for proprietorships, partnerships and corporations. Surveys current financial accounting principles, the accounting cycle and financial statements. **Prerequisite:** Provisional status in M.B.A. program or admission to the Executive M.B.A. program. **Three hours per week.**

#### 520. GRADUATE SURVEY OF ECONOMICS

3 hours credit

An introduction to macro- and micro-economic principles. Examines the constraints and choices imposed on the firm by resource limitations, technology, the domestic and international competitive environments, the growth and stability of aggregate income and a wide range of public policies. The rationale for policies to modify or augment private production and spending decisions will be considered. (M.B.A. leveling course.) **Prerequisites:** Provisional status in M.B.A. program and MATH 150, 151; COSC 110 and 111; or equivalents; or admission to Executive M.B.A. program. **Three hours per week.**

#### 530. GRADUATE SURVEY OF QUANTITATIVE ANALYSIS

3 hours credit

Introduction to decision-making tools and techniques for making operational, administrative and upper management-level decisions. Mathematical and statistical models will be

applied to managerial decision-making situations. **Prerequisites:** Provisional status in M.B.A. program and MATH 150; COSC 110 and 111; or equivalents; or admission to Executive M.B.A. program. **Three hours per week.**

#### 535. HEALTH CARE FINANCE

3 hours credit

An introduction to financial management in the health care environment. Designed for nurse/managers, this course covers financial accounting and analysis, financial management (including the mathematics of finance), cost accounting, budgeting, control systems, forecasting, working capital management and third party reimbursements. **Three hours per week.**

#### 540. GRADUATE SURVEY OF FINANCE

3 hours credit

A comprehensive course in modern financial management. Includes financial theories, working capital management, capital acquisition, international finance, mergers and acquisitions, bankruptcy and reorganization, and leasing. (M.B.A. leveling course.) **Prerequisites:** Provisional status in M.B.A. program and BUAD 510, 520, 530, or equivalent; or admission to the Executive M.B.A. program. **Three hours per week.**

#### 550. GRADUATE SURVEY OF MANAGEMENT

3 hours credit

A study of the interrelationship of various management functions; principles of general management, production management, management information systems; and management of international operations. Introduces various schools of management, modern organizational theories and the elements of decision-making. (M.B.A. leveling course.) **Prerequisites:** Provisional status in M.B.A. program. **Three hours per week.**

#### 560. GRADUATE SURVEY OF MARKETING

3 hours credit

An examination of markets and marketing functions responding to a dynamic environment. An overview of domestic and international marketing functions and institutions adapting to social, economic, legal and technical change. Special emphasis will be placed on the ramifications of consumerism and regulation of marketing activities. (M.B.A. leveling course.) **Prerequisite:** Provisional status in M.B.A. program or admission to the Executive M.B.A. program. **Three hours per week.**

#### 615. RESEARCH METHODOLOGY

3 hours credit

Designed to develop techniques and methods for research. Includes identifying and defining managerial problems, reviewing the literature and

stating problems in terms of testable hypotheses and methods of testing hypotheses. A major research paper is required. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

#### 620. ORGANIZATIONAL THEORY

3 hours credit

A development of a framework for understanding the modern business enterprise. Includes a review of management thought and organizational theory, the functions of management and recent trends in management theory and practice in the U.S. and abroad. The contributions of behavioral science, management science, systems theory, contingency theory and other relevant theories are examined. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

#### 621. EXECUTIVE MANAGEMENT: THEORIES AND APPLICATIONS

3 hours credit

Study of organizational structures, functions, environments and processes including behavioral science concepts as determinants of quality, performance and satisfaction. Reviews classical and recent trends in management theory and practice in the U.S. and abroad. **Prerequisite:** Admission to Executive M.B.A. program. **Three hours per week.**

#### 625. ORGANIZATIONAL BEHAVIOR SEMINAR

3 hours credit

A study of individual and group behavior in organizational structures to understand the interaction of managers with other members of the organization. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

#### 630. ECONOMIC ENVIRONMENT OF THE ORGANIZATION

3 hours credit

Analysis of factors which determine aggregate production, income and employment. Evaluation of fiscal, monetary and income policies. Review of forecasting techniques. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

#### 635. EXTERNAL ENVIRONMENT OF THE ORGANIZATION

3 hours credit

A study of the environmental forces which influence the organization. Includes identification and measurement of external forces and effects on management decisions. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

#### 636. LEGAL ENVIRONMENT OF BUSINESS

3 hours credit

In-depth analysis of legal principles as they relate to business. Examines commercial law, product liability and government of product safety, antitrust, labor law, the social responsibility of business and the international dimension of the legal environment. **Prerequisite:** Admission to Executive M.B.A. program. **Three hours per week.**

**640. MANAGERIAL ACCOUNTING**  
**3 hours credit**

The study of the use by management of accounting information for planning and control. Includes budgeting, cash-flow analysis, cost behavior concepts, strategic planning and financial reporting. **Prerequisite:** Admission to M.B.A. program or admission to the Executive M.B.A. program. **Three hours per week.**

**650. CORPORATE FINANCIAL MANAGEMENT**  
**3 hours credit**

A review of financial theory and techniques. Topics include capital acquisition, working capital management, use of the capital asset pricing model, capital budgeting and international corporate finance. **Prerequisite:** Admission to M.B.A. program or Executive M.B.A. program. **Three hours per week.**

**655. ADVANCED MICROCOMPUTER APPLICATIONS IN BUSINESS**  
**3 hours credit**

Computerized management tools for decision-making are emphasized. Design and use of data processing systems, transaction processing systems and decision support systems are discussed. Microcomputer applications include database management, spread sheets, statistical and word processing packages. **Prerequisites:** Admission to M.B.A. program or Executive M.B.A. program. **Three hours per week.**

**660. MARKETING STRATEGY**  
**3 hours credit**

A study of classic and contemporary marketing strategies for both profit and non profit organizations. Considers the organizational-environmental interface as a shaping factor in planning and implementing the marketing mix. Emphasis will be placed on planning in dynamic domestic and international environments. **Prerequisite:** Admission to M.B.A. program or Executive M.B.A. program. **Three hours per week.**

**665. ENTREPRENEURSHIP**  
**3 hours credit**

Analyzes organized and systematic entrepreneurship in new enterprises, established large enterprises, and non-business institutions. Em-

phasis is on applying concepts and techniques from the functional areas of business to the new venture development environment in independent and corporate settings. **Prerequisite:** Admission to M.B.A. program or Executive M.B.A. program. **Three hours per week.**

**670. MANAGEMENT SCIENCE MODELS**  
**3 hours credit**

The study of rational decision-making in a computer-assisted environment. Topics include decision theory, linear programming, distribution models, inventory models and project management. **Prerequisite:** Admission to the M.B.A. program. **Three hours per week.**

**675. MANAGEMENT OF PRODUCTION AND OPERATIONS**  
**3 hours credit**

Managerial decision-making processes for improving productivity and better utilization of scarce resources are stressed. Problems and issues encountered in the delivery of goods and services are discussed. Topics include quality control, just-in-time, process analysis, inventory control, production scheduling, capacity planning and location analysis, and Japanese production techniques. **Prerequisites:** Admission to the Executive M.B.A. program. **Three hours per week.**

**680. CORPORATE STRATEGIC PLANNING AND POLICY**  
**3 hours credit**

As the capstone course of the program, this course focuses on critical issues affecting the success of the total enterprise in domestic and multinational environments. Emphasis is on the functions, responsibilities and ethical values of top managers as they determine the direction of the organization and shape its future. Strategy is the unifying theme in case discussions. **Prerequisite:** Completion of 12 semester hours at 600 level in SSU M.B.A. program, including either BUAD 640: Managerial Accounting or BUAD 650: Corporate Financial Management, or admission to Executive M.B.A. program. **Three hours per week.**

**685. INTERNATIONAL BUSINESS**  
**3 hours credit**

Study of the international aspects of business management and the environment of international business. Topics include the economics of international trade, international finance, cultural factors, and the major aspects of business operations in the foreign environment. **Prerequisite:** Admission to M.B.A. program or Executive M.B.A. program. **Three hours per week.**

**699. SPECIAL TOPICS IN BUSINESS**  
**1-3 hours credit**

Study of specific problems and issues in business administration. May be taken twice under different subtitles recorded with the registrar. **Prerequisite:** Admission to M.B.A. program. **One to three hours per week.**

**Chemistry**  
**(See Physical Sciences)**

**Communication Arts**

**400. COMMUNICATION AND CULTURE**  
**3 hours credit**

Philosophy and theories of human communication: structures, relations and interactions between forms of communication within their cultural settings. **Three hours per week.**

**450. SPEECH CORRECTION AND THE CLASSROOM TEACHER**  
**3 hours credit**

A study of childhood speech and hearing disorders and methods for the classroom teacher in effectively dealing with student referral, the promotion of good speech habits and therapeutic reinforcement. **Three hours per week.**

**452. DEVELOPMENT DISABILITIES IN SPEECH AND LANGUAGE ACQUISITION**  
**3 hours credit**

A study of speech and language development and perceptual disorders which affect language comprehension and use. Communication problems resulting from the delay, breakdown or misuse of language function will be considered. **Three hours per week.**

**453. CREATIVE DRAMATICS**  
**3 hours credit**

Emphasis is placed on the manner in which creative dramatics assist the growth of the child. The course considers creative dramatics as a motivating factor in the teaching and learning process. **Three hours per week.**

**490. SPECIAL TOPICS IN COMMUNICATION**  
**Variable 1-3 hours credit**

Intensive study of a selected topic in speech, communication studies or theatre. This course may be taken twice, under different course subtitles recorded with the registrar. **Prerequisite:** Consent of instructor.

**500. ORAL READING AND THE TEACHING OF LITERATURE**  
**3 hours credit**

Designed to lead the student to an awareness of literature through the performing self to reinforce the concept that one's physiological and psychological processes are bound together in the act of understanding what stories and poems mean. **Three hours per week.**

**510. SEMINAR IN INTERPERSONAL COMMUNICATION**  
**3 hours credit**

The investigation of speech-communication from the point of view of conflict, manipulation, barriers and breakdowns; factors which undermine human potential for optimum reciprocal social intercourse. **Three hours per week.**

**645. ORGANIZATIONAL COMMUNICATION**  
**3 hours credit**

A course designed to improve a manager's effectiveness in communicating on both an interpersonal and systems level. Topics include dissemination of information, writing style and format. Includes theories and models in communication. Emphasis is on solving business communication problems. **Prerequisite:** Admission to Executive M.B.A. program. **Three hours per week.**

**Computer Science**

**410. DATA BASE MANAGEMENT SYSTEMS**

**3 hours credit**

Study of the design, implementation and application of Data Base Management Systems. Several commercially available systems will be examined. **Prerequisite:** Experience with file-design concepts (COSC 220 or 310). **Three hours per week.**

**415. DATA COMMUNICATION SYSTEMS**  
**3 hours credit**

The concepts and characteristics of data communication systems, including distributive networks, concentrators and multiplexors, remote terminals, modems and processors. Examination of control hardware and software systems. **Prerequisite:** COSC 315.

**422. ORGANIZATION OF PROGRAMMING LANGUAGES**  
**3 hours credit**

The organization of programming languages, with emphasis on their formal specifications and on the run-time behavior of programs. **Prerequisite:** COSC 350. **Three hours per week.**

**450. SOFTWARE SYSTEMS II**  
**3 hours credit**

Analysis of the operating system, the program

which supervises the activity of the computer. Resource allocation will be emphasized. **Prerequisite:** COSC 383 and 385. **Three hours per week.**

#### 490. SPECIAL TOPICS

**3 hours credit**

For the student who wishes to study in certain specialized areas such as functional analysis, multivariate statistics or artificial intelligence. This course may be taken twice, under different course subtitles recorded with the registrar. **Prerequisite:** For most topics, COSC 350. **Three hours per week.**

#### 501. COMPUTER SCIENCE FOR MATH AND SCIENCE TEACHERS

**3 hours credit**

Study of microcomputers, advanced programming concepts and other topics appropriate to secondary school teachers of mathematics and science. **Prerequisite:** Ability to design and write clear programs. COSC 120.

### Education

#### 407. APPLIED AUDIO-VISUAL METHODS IN TEACHING

**3 hours credit**

A survey of instruction technology, media and methods. The identification and critique of concepts, principles, and issues regarding the application of instruction technology and media to the curriculum. **Three hours per week.**

#### 408. CHILDREN'S LITERATURE

**3 hours credit**

A study of the works of important writers and artists in each of the major types of children's books (fairy tales, picture books, realistic fiction, fantasies, biographies, etc.). Historical trends and methods of incorporating children's literature into the elementary program are included. **Three hours per week.**

#### 409. LITERATURE FOR ADOLESCENTS

**3 hours credit**

A study of literature written specifically for and about the contemporary adolescent, with emphasis on methods of teaching aspects of it to build adolescent appreciation for the more established literary selections found in secondary school curriculum. **Prerequisites:** At least three courses in literature beyond ENGL 102 and admission to Professional Teacher Education Program. **Three hours per week.**

#### 412. CURRICULUM AND METHODS IN ELEMENTARY SCHOOL PHYSICAL EDUCATION

**3 hours credit**

Principles of curriculum construction, selection and organization of materials. Lesson planning and teaching methods. Survey of current trends. **Three hours per week.**

#### 414. PRODUCING GRAPHIC MATERIALS IN EDUCATION

**3 hours credit**

Identification of basic principles and procedures used in planning and producing graphic instructional materials. Appropriate activities also provided to integrate media techniques into participant's professional skills. **Three hours per week.**

#### 415. USING PHOTOGRAPHY IN EDUCATION

**3 hours credit**

Emphasis on increasing competencies in the development of photographic instructional materials. Students will identify basic principles and practices of photography and become involved in activities that apply photographic technique to instructional material development. **Three hours per week.**

#### 416. FILM MAKING IN EDUCATIONAL SETTINGS

**3 hours credit**

This course is designed to foster film making skills in school situations. Students work in teams in planning and producing super 8mm films. Emphasis given to animation, live-action and montage techniques. **Three hours per week.**

#### 419. TEACHING MUSIC IN THE ELEMENTARY SCHOOL

**3 hours credit**

Techniques for teaching music in the elementary school; study of the child voice; appropriate singing, listening, rhythmic, instrumental and creative activities; remedial work for poor singers; activities for musically talented children; comprehensive overview of music materials and their application to the elementary school curriculum. **Prerequisites:** Admission to Professional Teacher Education Program and MUSC 200 (or equivalent, or approval of instructor). **Three hours per week.**

#### 420. FOUNDATIONS OF READING (Elementary Education)

**3 hours credit**

Deals with pre-reading skills, beginning reading, informal assessment, analysis of reading programs, grouping procedures, word attack skills and development of vocabulary and comprehension abilities. Intended for personnel in elementary education. **Prerequisite:** Admission to Professional Teacher Education Program. **Three hours per week.**

#### 422. FOUNDATIONS OF READING (Secondary Education)

**3 hours credit**

Includes analysis of the reading process, assessment of content materials, reading in content areas, word attack skills, vocabulary and comprehension development, corrective reading, and study strategies. Intended for personnel in middle, junior and senior high schools. **Three hours per week.**

#### 425. TEACHING READING COMPREHENSION: RESEARCH/INSTRUCTION

**3 hours credit**

This course, an elective in reading education, investigates contemporary research relating to the development of reading comprehension, procedures assessing reading comprehension competencies and teaching strategies for improving comprehension proficiency. Designed for elementary or middle school reading and resource teachers. **Prerequisites:** Admission to Professional Teacher Education Program and either EDUC 316 or 420 or 422. **Three hours per week.**

#### 427. CLASSROOM ANALYSIS AND CORRECTION OF READING DIFFICULTIES

**3 hours credit**

Includes causes and prevention of reading disabilities, strategies for the collection and analysis of reading behavior, and instruction programs for correction. Intended for teachers interested in reading disabilities, but who do not wish to specialize in reading education. **Prerequisite:** EDUC 316 or 420 or 422. **Three hours per week.**

#### 429. TEACHING MUSIC IN THE SECONDARY SCHOOL

**3 hours credit**

Methods and materials for teaching music in grades 7-12. The areas of emphasis are vocal, instrumental and general music. **Prerequisite:** MUSC 200. **Three hours per week.**

#### 435. GUIDANCE

**3 hours credit**

A basic course in the principles of guidance and related pupil personnel services, including the meaning and purpose of guidance and common adjustment problems. **Three hours per week.**

#### 436. VOCATIONS: DEVELOPMENT AND APPRAISAL

**3 hours credit**

Surveys vocational choices with emphasis on developmental theory. Occupational information and the appraisal of vocational interests are emphasized. **Three hours per week.**

#### 437. MATERIALS AND METHODS IN CAREER EDUCATION

**3 hours credit**

Rationale for and methods of career education in elementary and secondary schools. Emphasis is given to the psychological and philosophical bases, identification of researchable problems, implications and implementation of careers curricula. **Three hours per week.**

#### 438. PRODUCING SLIDE-TAPE PROGRAMS IN EDUCATIONAL SETTINGS

**3 hours credit**

This course is designed to foster slide-tape production skills in school situations. Students work individually in planning and producing slide-tape shows. Emphasis given to single and multi-image techniques. **Three hours per week.**

#### 439. SINGLE CAMERA VIDEOTAPING IN EDUCATIONAL SETTINGS

**3 hours credit**

This course is designed to foster TV/VCR production skills in school situations. Students work in teams in planning and producing videotapes. Emphasis given to portable single camera equipment. **Three hours per week.**

#### 440. INTRODUCTION TO EARLY CHILDHOOD EDUCATION

**3 hours credit**

Introduction to curriculum and methods in early childhood education, including theories, practices, techniques and materials. **Prerequisite:** EDUC 300. Previously numbered as EDUC 446. **Three hours per week.**

#### 441. EARLY CHILDHOOD EDUCATION INTEGRATED CURRICULUM I

**3 hours credit**

Materials and methods for teaching language arts to kindergarten and pre-kindergarten level children. Emphasis on curriculum planning, use of space, class management and lesson planning. Attention to art, music, nutrition, safety, health education, motor activities and positive teacher-parent relations. **Prerequisite:** EDUC 440. **Three hours per week.**

#### 442. EARLY CHILDHOOD EDUCATION INTEGRATED CURRICULUM II

Materials and methods for teaching science, social studies and math readiness to kindergarten and pre-kindergarten level children. Emphasis on curriculum planning, room design, class management and lesson planning. Attention to management, professional development, curriculum development roles and field trip planning. **Prerequisite:** EDUC 440. **Three hours per week.**

**449. MULTI CAMERA VIDEOTAPING IN EDUCATIONAL SETTINGS**  
**3 hours credit**

An introduction to the fundamentals of videotaping in a multi-camera environment. Hands-on experience in planning and producing videotapes in educational settings. **Three hours per week.**

**454. COMPOSITION: CURRICULUM AND METHODS**  
**3 hours credit**

An investigation of (1) selected public school composition curricula and (2) a number of methodologies for teaching composition. Participants evaluate curricula and methodologies on criteria developed from (1) current literature on the writing process and (2) continuing association with public schools by the SSU School of Education and Professional Studies. **Prerequisite:** At least one course in composition beyond ENGL 101. **Three hours per week.**

**455. BASIC WRITING INSTRUCTION**  
**3 hours credit**

This course primarily for teachers of basic writing, focuses on the study of grammatical and compositional problems in the writing of underprepared students. The causes of these problems and techniques for alleviating them are explored. **Prerequisite:** C or better in ENGL 102. **Three hours per week.**

**467. EDUCATING THE MILDLY HANDICAPPED CHILD**  
**3 hours credit**

This course is designed to acquaint classroom teachers with instructional approaches for the mildly handicapped learner. Major topics of the course include: mainstreaming, Individual Education Plans, adapting instructional approaches, behavior management, stressing early childhood, elementary and secondary levels. Intended for the regular classroom teacher and not for certification in special education. **Degree credit allowed for either EDUC 467 or EDUC 480, but not for both.** **Prerequisite:** EDUC 300 or equivalent. **Three hours per week.**

**471. COMPUTERS IN EDUCATION**  
**3 hours credit**

An overview of the role of computers in education. An examination of computer applications as they relate to specific teaching/learning operations and educational functions. **Prerequisite:** A teaching methods course or consent of instructor. **Three hours per week.**

**472. THEORY AND PRACTICE OF TEACHING ADULTS: AN INTRODUCTION**  
**3 hours credit**

This course is intended for students seeking information about contemporary methods of effective adult instruction and assumes no prior knowledge about educational methods, theories or practices. **Three hours per week.**

**475. METHODS AND MATERIALS IN ENVIRONMENTAL EDUCATION**  
**3 hours credit**

A course designed to increase an individual's awareness of one's immediate environment with the aim of developing a broad philosophy of environmental education. Existing teaching methods and materials will be analyzed, and new methods will be developed for use in interdisciplinary problem-focused situations. **Three hours per week.**

**480. TEACHING CHILDREN WITH SPECIAL NEEDS**  
**3 hours credit**

Introductory instruction in the observation, identification and management of children, K-12, with mild to moderate learning problems. **Three hours per week.**

**485. DIAGNOSTIC-PRESCRIPTIVE TEACHING**  
**3 hours credit**

Designed to teach knowledge and skills in two areas: (1) diagnostic—the collection of information concerning children with special learning and behavioral needs; and (2) interventions—developing an instructional plan based upon specific assessment data. **Prerequisite:** EDUC 480 or PSYC 423 or equivalent. **Three hours per week.**

**490. SPECIAL PROBLEMS AND PRACTICES IN EDUCATION**  
**Variable 1-6 hours credit**

Individually designed programs including: seminars; workshops; courses in curriculum development, planning, and evaluation; specialized areas of study for purposes of enrichment and in-depth study of special problems and/or professional practices in education. **Prerequisite:** Permission of department chair.

**495. SPECIAL PROBLEMS AND PRACTICES IN ART EDUCATION**  
**3 hours credit**

A contractual course designed for regular classroom and art teachers K-12/6/7-12. Individual programs of study in the areas of daily planning, curriculum development, seminars, workshops and project techniques. Students will furnish some materials. Recommended for senior undergraduate or graduate credit. This course may be taken twice, under different course subtitles recorded with the registrar. **Three hours per week.**

**500. HISTORICAL, PHILOSOPHICAL AND SOCIAL FOUNDATIONS**  
**3 hours credit**

Selected topics in intellectual and educational history from the time of ancient Greece to the present. The relation of education to historic traditions and social trends. **Three hours per week.**

**501. COMPARATIVE EDUCATION**  
**3 hours credit**

The student will develop understanding of the comparative dynamics of educational systems in various countries. The criteria for such comparison will be developed as part of the course. **Three hours per week.**

**502. INTRODUCTION TO RESEARCH**  
**3 hours credit**

An introduction to the methods of scientific inquiry. Gaining experience in the use of research in defining a problem and in collecting, organizing and presenting information on it. **Three hours per week.**

**503. CLASSROOM MANAGEMENT**  
**3 hours credit**

This course will aid teachers in developing practical skills needed to manage their classes more effectively. Recent research related to effective management techniques and its application in classrooms will be considered. Appropriate management strategies will be selected, implemented and evaluated in the classroom. **Three hours per week.**

**504. MULTICULTURAL EDUCATION**  
**3 hours credit**

An examination of contemporary cultural diversity within the United States educational environments. Special attention will be given to cultural problems and issues that influence opportunity and performance in educational institutions. Human relations skills will be considered for improving success within culturally diverse populations. **Prerequisite:** EDUC 502. **Three hours lecture per week.**

**506. SEMINAR IN TEACHING OF MATHEMATICS**  
**3 hours credit**

Analysis of recent theory and results of research for the teaching of mathematics. Students investigate developments at either the elementary or secondary school level. **Three hours per week.**

**508. SEMINAR: RESEARCH IN HUMAN DEVELOPMENT**  
**3 hours credit**

A survey of research techniques and findings in the field of human growth and development.

Research related to developmental characteristics of students will be considered. **Prerequisite:** EDUC 300 or consent of instructor. **Three hours per week.**

**510. SEMINAR: RECENT ISSUES IN EDUCATION**  
**3 hours credit**

Analysis of selected recent issues in education for critical study. Each student is required to survey and critically evaluate pertinent research on at least one issue. **Three hours per week.**

**512. SEMINAR IN THE TEACHING OF SOCIAL STUDIES**  
**3 hours credit**

Analysis of theory and research in the social sciences as applied to developing and teaching social studies at either the elementary or secondary school level. **Three hours per week.**

**513. SEMINAR IN THE TEACHING OF SCIENCE**  
**3 hours credit**

Analysis of recent advances in the teaching of science and the development of skills in applying these to classroom teaching at the elementary or secondary school level. **Three hours per week.**

**514. CURRICULUM CONSTRUCTION**  
**3 hours credit**

A study of the factors underlying the public school curriculum and its development. Opportunities are provided for individual research in curriculum construction at either the elementary or secondary school level. **Three hours per week.**

**516. PUBLIC SCHOOL ADMINISTRATION**  
**3 hours credit**

An analysis of the responsibilities of the school administrator, including procedures for staff organization, in-service training, curriculum development, scheduling, guidance and other facets of school administration. **Three hours per week.**

**517. PUBLIC SCHOOL SUPERVISION**  
**3 hours credit**

A study of the nature, methods and techniques of public school supervision, emphasizing human relationships and other factors involved in the role of the supervisor. **Prerequisite:** EDUC 516. **Three hours per week.**

**518. THE PRINCIPALSHIP**  
**3 credit hours**

An examination of the role to the principal; emphasis on leadership skills, effective school climate and management, scheduling, staff develop-

ment and effective teaching practices. **Prerequisite:** EDUC 516. **Three hours per week.**

**519. THE LAW AND PUBLIC EDUCATION**  
**3 hours credit**

A study of school law which affects the teacher and the public school. The nature and scope of school law are considered as generally applied to the purposes and functions of the school system. **This course may not be taken by students who have credit for EDUC 405.** **Three hours per week.**

**520. THE DIAGNOSIS OF READING DISABILITIES**  
**3 hours credit**

Designed for professional personnel seeking specialization in clinical diagnostic techniques. Includes data collection and analysis of reading behavior and examines various instruments and strategies for collection of data on children with reading disabilities. **Prerequisite:** EDUC 420 or 422. **Three hours per week.**

**521. THE REMEDIATION OF READING DISABILITIES**  
**3 hours credit**

Designed for professional personnel seeking specialization in clinical-remedial techniques. Includes transfer of diagnostic data into teaching strategies and materials for programs of remediation. **Prerequisite:** EDUC 520. **Three hours per week.**

**522. CLINICAL PRACTICUM IN READING**  
**3 hours credit**

Designed for professional personnel seeking advanced work in clinical, diagnostic and remedial techniques. Includes diagnosis and remediation of children with severe reading disabilities. Emphasizes collection and analysis of test data and development of instructional programs for the severely disabled. **Prerequisite:** EDUC 521. **Three hours per week.**

**523. ADVANCED SEMINAR IN READING EDUCATION**  
**3 hours credit**

A survey of the literature in reading education dealing with trends, needs and future directions in such topics as early identification, diagnostic techniques, remediation, severe reading disabilities, linguistics, learning modalities and others. **Prerequisite:** EDUC 522. **Three hours per week.**

**524. PRODUCTION OF MEDIATED INSTRUCTIONAL ACTIVITY PACKAGES**  
**3 hours credit**

This course is designed to enable students to design and produce mediated instructional activities; emphasis includes individualizing and packaging those materials. **Prerequisites:** EDUC 407 or equivalent, EDUC 502 and consent of instructor. **Three hours per week.**

**525. ADVANCED MEDIA PRODUCTION**  
**3 hours credit**

A course designed to enable advanced students to design and produce high level media productions; emphasis includes the specifics of preproduction, as well as production procedures and techniques. May be taken twice under different course subtitles recorded with the registrar. **Prerequisites:** A 400-level course in the area of the student's project, EDUC 502 and consent of instructor. **Three hours per week.**

**526. SEMINAR: MEDIA, TECHNOLOGY AND INSTRUCTIONAL SYSTEMS**  
**3 hours credit**

A seminar designed to: (1) acquaint students with the dynamics of media, technology and instructional systems via required outside readings and in-class discussions; and (2) involve students in an in-depth investigation of a pertinent topic selected in consultation with the instructor. Paper required. **Prerequisites:** EDUC 407 or equivalent, EDUC 502 and consent of instructor. **Three hours per week.**

**530. DIRECTED RESEARCH**  
**3 hours credit**

Preparation of optional research project in master's degree program, under direction of departmental supervision.

**532. MEASUREMENT AND EVALUATION**  
**3 hours credit**

A study of the purposes and procedures of measuring and evaluating characteristics of students (e.g., achievement), with particular emphasis on classroom decision-making in terms of instructional objectives and teacher-constructed tests. **Three hours per week.**

**535. THE ROLE OF THE SUPERVISING TEACHER**  
**3 hours credit**

A study of recent trends in teaching and supervising student teachers. Emphasis is given to evaluating the total teaching/learning situation and to organizing and planning the instructional program. **Three hours per week.**

**536. CREATIVITY IN EARLY CHILDHOOD EDUCATION**  
**3 hours credit**

An in-depth study of the creative process and the techniques that will promote creativity. **Prerequisite:** EDUC 446. **Three hours per week.**

**537. SEMINAR IN EARLY CHILDHOOD EDUCATION**  
**3 hours credit**

Critical evaluation of developments occurring in early childhood education, as well as antecedents of modern practices. Review of pertinent research influencing shifts in ideas, practices and policies. **Prerequisite:** EDUC 446. **Three hours per week.**

**540. COUNSELING THEORY AND PRACTICE**  
**3 hours credit**

Introduction to the theories and techniques of counseling applicable to the counselor's work in the public school. Students will become familiar with current personality theories as applied to counseling. Techniques of conducting interviews are included. **Prerequisite:** Basic guidance course. **Three hours per week.**

**541. GUIDANCE TECHNIQUES IN ELEMENTARY SCHOOL**  
**3 hours credit**

A study of the role of the guidance specialist in the elementary school. Emphasis on current approaches to providing pupil personnel services for children from kindergarten through grade six. For teachers, supervisors and potential counselors. **Prerequisite:** Introductory guidance course. **Three hours per week.**

**542. GUIDANCE TECHNIQUES IN SECONDARY SCHOOL**  
**3 hours credit**

A study of the role of the guidance specialist in the secondary school. Emphasis on current approaches to providing personal, educational and vocational guidance to youths in grades 7-12. For teachers, supervisors and potential counselors. **Prerequisite:** Introductory guidance course. **Three hours per week.**

**543. SUPERVISED PRACTICUM IN GUIDANCE**  
**3 hours credit**

Participation in a guidance program at the grade level of interest to the student counselor. Regular conferences with the counseling supervisor are held. Critiques of tape recorded interviews are made. **Prerequisites:** Teaching experience, at least nine hours of guidance related coursework including counseling theory and practice, and consent of the instructor.

**545. LEARNING AND INSTRUCTION IN THE SCHOOLS**  
**3 hours credit**

The identification of classroom problems and issues related to and involving instruction; the development and application of strategies to aid in resolving issues and solving problems; and the coordination of student characteristics and environmental factors to improve the quality of learning experiences in the schools. **Three hours per week.**

**547. MASTERY TEACHING**  
**3 hours credit**

An exploration of various principles of instruction which have been determined to be especially effective. This course will focus on the principles of "Mastery Teaching," especially as developed and field-tested by Dr. Madeline Hunter of UCLA. **Prerequisite:** EDUC 300 or equivalent. **Three hour per week.**

**584. GROUP DYNAMICS IN CLASSROOM SETTINGS**  
**3 hours credit**

Designed to aid educators in working effectively with groups in school settings. The laboratory method will be used to provide experience-based learning about group processes. Recent research on group dynamics and its application in school settings will be considered. A major emphasis will be placed on the acquisition of skills and strategies in developing effective classroom groups. These skills are particularly helpful in situations where students are being mainstreamed. **Three hours per week.**

**590. SEMINAR IN EDUCATION**  
**3 hours credit**

A course in which topics will vary from semester to semester. This course may be taken twice under different course subtitles recorded with the registrar. **Prerequisite:** Consent of instructor.

**591. DIRECTED INDEPENDENT STUDY**  
**Variable 1-3 hours**

Designed to permit self-study of problems not considered in other courses. This course may be taken twice under different course subtitles. **Prerequisites:** Approval of course instructor and department chair.

**598. COUNSELING WITH MINORITY GROUPS**  
**3 hours credit**

A seminar-workshop course designed to focus attention on philosophy and method in dealing with the current social problems of race, religion and the disadvantaged in the public schools. **Prerequisite:** Teaching experience. **Three hours per week.**

**615. THE LAW AND PROFESSIONAL NEGOTIATIONS****3 hours credit**

A study of professional negotiations from the perspective of the teacher or other public employees in service. Materials are taken from rapidly developing labor law in the public sector with special emphasis given to operation of the Maryland professional negotiations law for teachers. **Prerequisite:** EDUC 519. **May not be taken by students who have credit for EDUC 505.** **Three hours per week.**

**English****405. MAJOR FILM DIRECTORS****3 hours credit**

Intensive study of individual American and foreign *auteur* directors, singly or in groups. Focus primarily on those artists who write their own screenplays as well as direct their own films. May be repeated twice if different directors are studied. Not acceptable for General Education credit. **Prerequisite:** ENGL 102. **Three hours per week.**

**411. CHAUCER (Author)****3 hours credit**

A study of Chaucer's major works with emphasis on *The Canterbury Tales*. General Education literature credit. **Prerequisite:** ENGL 102. **Three hours per week.**

**412. MILTON (Author)****3 hours credit**

A study of the sonnets, companion poems, essays and drama, emphasis on *Paradise Lost*. General Education literature credit. **Prerequisite:** ENGL 102. **Three hours per week.**

**414. ELIZABETHAN AND JACOBEAN LITERATURE (Period)****3 hours credit**

A study of major British literature, exclusive of Shakespeare, from 1500-1660. Authors include Sidney, Spenser, Donne and Milton. General Education literature credit. **Prerequisite:** ENGL 102. **Three hours per week.**

**419. SHAKESPEARE (Author)****3 hours credit**

A study of the major comedies and histories with an emphasis on the tragedies. General Education literature credit. **Prerequisite:** ENGL 102. **Three hours per week.**

**420. RESTORATION AND 18TH CENTURY LITERATURE (Period)****3 hours credit**

A study of British literature from 1660 through the 18th century. Writers usually studied are Rochester, Dryden, Defoe, Swift, Pope, Johnson, Boswell and Goldsmith. General Education literature credit. **Prerequisite:** ENGL 102. **Three hours per week.**

**421. ROMANTIC LITERATURE (Period)****3 hours credit**

A study of British poetry and aesthetics from the French Revolution through the first third of the 19th century. The primary readings are from Blake, Wordsworth, Coleridge, Byron, Shelley and Keats. General Education literature credit. **Prerequisite:** ENGL 102. **Three hours per week.**

**425. VICTORIAN LITERATURE (Period)****3 hours credit**

A study of major British literature during the reign of Queen Victoria. Writers studied may include Tennyson, Browning, Arnold, Carlyle, Newman and Ruskin. General Education literature credit. **Prerequisite:** ENGL 102. **Three hours per week.**

**426. COLONIAL AMERICAN LITERATURE (Period)****3 hours credit**

A study of American literature prior to 1820. Writers studied may include Bradford, Bradstreet, Taylor, Edwards, Franklin, Irving and Cooper. General Education literature credit. **Prerequisite:** ENGL 102. **Three hours per week.**

**427. THE AMERICAN RENAISSANCE (Period)****3 hours credit**

A study of the Transcendental Movement and literature between 1830-1870. Emphasis on the works of Emerson, Thoreau, Hawthorne, Melville, Whitman and Dickinson. General Education literature credit. **Prerequisite:** ENGL 102. **Three hours per week.**

**428. AMERICAN SOUTHERN RENAISSANCE 1930-1970****3 hours credit**

A study of fiction produced in the South between 1930 and 1970. Writers may include Glasgow, Faulkner, O'Connor, Welty, Porter, Warren, Percy, Capote, Taylor, Grau, Styron and Young. General Education literature credit. **Prerequisite:** ENGL 102. **Three hours per week.**

**431. A SURVEY OF MODERN GRAMMARS****3 hours credit**

A historical approach to the descriptions of language: the traditional, the structural, the transfor-

mational and the tagmemic. Not acceptable for General Education credit. **Prerequisite:** ENGL 102. **Three hours per week.**

**433. LANGUAGE AND CULTURE****3 hours credit**

A linguistic approach to the peculiar relationship between a language and the cultural total of which the language is a part. Educational, political and economic implications. Not acceptable for General Education credit. **Prerequisite:** ENGL 102. **Three hours per week.**

**435. VARIETIES IN LANGUAGE****3 hours credit**

A study of speech variation of people according to geographical area, socio-economic-education level, level for formality, age, sex, and occupation. Emphasis on Eastern Shore patterns of speech. Field methods are used. Not acceptable for General Education credit. **Prerequisite:** ENGL 110 or consent of instructor. **Three hours per week.**

**437. HISTORY OF THE ENGLISH LANGUAGE****3 hours credit**

The development of modern English: the internal changes in pronunciation, structure, vocabulary and usage with reference to the external history. Not acceptable for General Education credit. **Prerequisite:** ENGL 110 or consent of instructor. **Three hours per week.**

**439. SECOND LANGUAGE/DIALECT LEARNING****3 hours credit**

Approaches to second language and dialect learning; teaching English to speakers of other languages; the question of standard English as a second dialect. Not acceptable for General Education credit. **Prerequisite:** ENGL 110 or 431 or consent of instructor. **Three hours per week.**

**442. PRACTICUM IN ENGLISH****1-3 hours credit**

Under close supervision of a master teacher, an advanced student in an English option interns as a teaching assistant in a lower division course in that option. **Prerequisite:** Nine hours of graduate coursework and approval of the director of the English graduate program. **Variable hours per week.**

**450. PHILOSOPHICAL CONCEPTS IN LITERATURE****3 hours credit**

An examination of a philosophical theme, such as existentialism or tragedy, as reflected in litera-

ture. General Education literature credit. **Prerequisite:** ENGL 102 and a philosophy course, or consent of instructor. Can be repeated for credit with different themes. **Three hours per week.**

**453. MODERN POETRY (Genre)****3 hours credit**

A study of British and American poetry from Yeats through World War II. Poets include Hopkins, Yeats, Eliot, Pound, Frost, Williams, Robinson, Crane, Stevens, Auden and Dylan Thomas. General Education literature credit. **Prerequisite:** ENGL 102. **Three hours per week.**

**457. AMERICAN NOVEL I (Genre)****3 hours credit**

A study of major American novels through World War I. Writers studied may include Hawthorne, Crane, Melville, James and Twain. General Education literature credit. **Prerequisite:** ENGL 102. **Three hours per week.**

**458. AMERICAN NOVEL II (Genre)****3 hours credit**

A study of major American novels between World War I and World War II. Writers studied may include Fitzgerald, Hemingway, Steinbeck, Faulkner and Lewis. General Education literature credit. **Prerequisite:** ENGL 102. **Three hours per week.**

**459. CONTEMPORARY LITERATURE (Period)****3 hours credit**

A study of selected literature from 1945 to the present. General Education literature credit. **Prerequisite:** ENGL 102. **Three hours per week.**

**460. BRITISH NOVEL I (Genre)****3 hours credit**

A study of the British novel through the 18th century. Novelists studied include Defoe, Richardson, Fielding, Sterne, Smollet and Austen. General Education literature credit. **Prerequisite:** ENGL 102. **Three hours per week.**

**462. BRITISH NOVEL II (Genre)****3 hours credit**

A study of the British novel of the 19th and early 20th centuries, with works chosen from the writings of Austen, Dickens, Thackeray, Trollope, Hardy, Conrad, D. H. Lawrence and Virginia Woolf. General Education literature credit. **Prerequisite:** ENGL 102. **Three hours per week.**

**463. LITERARY ANALYSIS****3 hours credit**

Analytical approaches to literature designed to teach teachers and prospective teachers the tradi-

tional, formal, psychological, mythological and exponential analyses of narrative fiction, drama, and poetry as applied to the various genres. General Education literature credit. **Prerequisite:** ENGL 102. **Three hours per week.**

**465. RESEARCH IN COMPOSITION**  
**3 hours credit**

This course, primarily for teachers of composition, is designed to explore the current theoretical literature on the writing process. Topics include: concerns about audience; purpose; heuristics for invention; and questions of arrangement, style, grammar, mechanics and revision. Not acceptable for General Education credit. Previously titled "Writing for Teachers." **Prerequisite:** C or better in ENGL 102. **Three hours per week.**

**471. TEACHING CREATIVE WRITING**  
**3 hours credit**

Reading and analyses of contemporary poetry and prose, writing of poetry and prose, developing of critical faculties in a workshop format, and developing and discussing of teaching methods. Intended for teachers and education majors. Not acceptable for General Education credit. **Three hours per week.**

**490. TOPICS IN ENGLISH**  
**3 hours credit**

Intensive study of a literary genre, figure or period; or intensive study in language, writing or film. May be repeated for credit in different areas of study. Literature courses bear General Education credit. **Prerequisite:** ENGL 102 or consent of instructor. **Three hours per week.**

**500. SEMINAR IN MAJOR AMERICAN WRITERS OF THE 19TH CENTURY**  
**3 hours credit**

A study of selected topics in American literature of the 19th century. This course will concern itself with one or more authors, genres or literary themes. It may be repeated under different courses subtitles recorded with the registrar. **Three hours per week.**

**501. SEMINAR IN MAJOR AMERICAN WRITERS OF THE 20TH CENTURY**  
**3 hours credit**

A study of selected topics in American literature of the 20th century (up to 1945). This course will concern itself with one or more authors, genres or literary themes. It may be repeated under different course subtitles recorded with the registrar. **Three hours per week.**

**502. SEMINAR IN ENGLISH LITERATURE I**  
**3 hours credit**

A study of selected topics in English literature from the beginnings to 1660. This course will concern itself with one or more authors, genres or literary themes. It may be repeated under different course subtitles recorded with the registrar. **Three hours per week.**

**503. SEMINAR IN ENGLISH LITERATURE II**  
**3 hours credit**

A study of selected topics in English literature from the Restoration, 18th century and Romantic period. This course will concern itself with one or more major authors, genres or literary themes. It may be repeated under different course subtitles recorded with the registrar. **Three hours per week.**

**504. SEMINAR IN ENGLISH LITERATURE III**  
**3 hours credit**

A study in selected topics in English literature of the Victorian and modern periods (up to 1945). This course will concern itself with one or more major authors, genres or literary themes. It may be repeated under different course subtitles recorded with the registrar. **Three hours per week.**

**508. CONTEMPORARY LITERATURE**  
**3 hours credit**

A study of selected topics in contemporary British and American literature (after 1945). This course will concern itself with one or more major authors, genres or literary themes. It may be repeated under different course subtitles recorded with the registrar. **Three hours per week.**

**509. SEMINAR IN LANGUAGE STUDY**  
**3 hours credit**

A study of selected topics in language and linguistics. The course focuses in different semesters on such topics as the new English, descriptive or historical linguistics, morphology-syntax, or phonetics and phonemics, teaching standard English to speakers of other languages or to speakers of other dialects. This course may be repeated under different course subtitles recorded with the registrar. **Prerequisite:** ENGL 110 or 431 or consent of instructor. **Three hours per week.**

**510. SEMINAR IN LITERATURE: SPECIAL TOPICS**  
**3 hours credit**

This course will examine topics in English and American literature which cross traditional, chronological, national or ontological boundaries. It may be repeated under different course subtitles recorded with the registrar. **Three hours per week.**

**530. DIRECTED RESEARCH**  
**3 hours credit**

Preparation of optional research project in master's degree program under department supervision.

**531. THESIS**  
**3 hours credit**

**French**

**401. ADVANCED COMPOSITION AND MORPHOLOGY**  
**3 hours credit**

A course designed to bring together on an intense advanced level all the principles of morphology, syntax, sentence development and sentence structure through translation and advanced composition. **Prerequisite:** FREN 211. **Three hours per week.**

**402. ADVANCED CONVERSATION**  
**3 hours credit**

A course designed to provide greater flexibility in the spoken language by intense oral practice to correct the defects of pronunciation and diction. **Prerequisite:** FREN 220 or consent of department chair. **Three hours per week.**

**405. SPECIAL PROBLEMS IN FRENCH**

Individual study of special areas in French linguistics or in French literature with the advice and direction from a member of the department. **Three hours per week.**

**411. MEDIEVAL AND RENAISSANCE THOUGHT IN FRENCH LITERATURE**  
**3 hours credit**

A study of the major phenomena of French literary history from its dawning in 843 to the negative implication in the term "Dark Ages," through to the optimism of the early Renaissance in Rabelais to its decline in Montaigne. **Three hours per week.**

**412. CLASSICAL PERIOD AND THE "AGE OF REASON"**  
**3 hours credit**

A study of the principal classical themes found in the works of Corneille, Racine, Moliere, La Fontaine, LaBruyere, LaRochefoucauld and Montesquieu, Voltaire, Diderot and Rousseau. **Prerequisite:** FREN 320 or 321 or consent of department chair. **Three hours per week.**

**415. ROMANTICISM, REALISM AND NATURALISM**  
**3 hours credit**

A study of the development of romanticism from Chateaubriand to Victor Hugo as well as a detailed study of the terms "romanticism,"

"realism" and "naturalism" and their effect on the 19th century as seen through representative works of Stendhal, Flaubert, Balzac and Zola. **Prerequisite:** FREN 320 or 321 or consent of department chair. **Three hours per week.**

**416. CONTEMPORARY FRENCH LITERATURE**  
**3 hours credit**

A study of contemporary ideologies and underlying currents of symbolism, surrealism, existentialism and the "nouveau roman" through representative works of Camus, Sartre, Appolinaire and Cocteau (prose and drama) and of Proust, Gide, Butor and Robbe-Grillet. **Prerequisite:** FREN 320 or 321 or consent of department chair. **Three hours per week.**

**Geography and Regional Planning**

**404. RURAL SETTLEMENT AND LAND USE**  
**3 hours credit**

Analysis of the economic, demographic and spatial patterns of the rural United States. Special attention is given to the problems and potentialities of nonmetropolitan areas and to land use planning. **Prerequisite:** GEOG 203 or consent of instructor. **Three hours per week.**

**405. URBAN GEOGRAPHY**  
**3 hours credit**

An analysis of the spatial distribution of urban settlements, their internal structure and characteristics. Emphasis on the development of theoretical concepts and general principles. Special attention is given to contemporary urban problems. **Prerequisite:** GEOG 203 or consent of instructor. **Three hours per week.**

**406. REGIONAL PLANNING**  
**3 hours credit**

An analysis of the spatial incidence of economic growth. Emphasis on the spatial dimension as an important consideration in the theory and practice of economic development planning. **Prerequisite:** GEOG 203 or consent of instructor. **Three hours per week.**

**407. INDUSTRIAL LOCATION**  
**3 hours credit**

An analysis of the major factors influencing industrial location decisions and the spatial arrangement of industrial activity. Emphasis is on the development of theoretical concepts and general principles. Some attention is given to regional and city industrial development planning. **Prerequisite:** GEOG 203 or consent of instructor. **Three hours per week.**

**408. URBAN PLANNING****3 hours credit**

An examination of theories and policies related to urban development and land use planning, along with techniques for evaluation. An assessment of the urban planning process with case studies. **Prerequisite:** GEOG 208 or consent of instructor. **Three hours per week.**

**410. METEOROLOGY****3 hours credit**

An analysis of the physical processes and dynamics of the atmosphere. Topics include air pollution meteorology, weather map and radar interpretation, and forecasting. **Prerequisite:** GEOG 201 or consent of instructor. **Two hours lecture and one two-hour laboratory per week.**

**411. GEOMORPHOLOGY****3 hours credit**

This course deals with landform analysis. Study of agents of erosion and deposition—water, wind and ice—and of the internal forces which leave visible evidence on the earth's surface. **Prerequisite:** GEOL 103 or consent of instructor. **Four hours per week, and four one-day and one three-day field trips.**

**413. APPLIED CLIMATOLOGY****3 hours credit**

An analysis of global energy/water budgets and climatic classifications. Emphasis on the application of energy and water balance principles to problems in agriculture, architecture, industry and commerce, and health. **Prerequisite:** GEOG 201 or consent of instructor. **Three hours per week.**

**415. SELECTED PROBLEMS****3 hours credit**

Independent study designed to permit research or in-depth work on a selected topic. Specific topic will be indicated on the student's transcript. May be taken twice for credit under different subtitles recorded with the registrar. Intended for seniors with 18 or more hours in geography. **Prerequisite:** Consent of department review committee.

**422. READINGS IN GEOGRAPHY****3 hours credit**

Readings designed to permit in-depth study of a selected topic. Specific topic will be indicated on the student's transcript. May be taken twice for credit under different subtitles recorded with the registrar. Intended for seniors with 18 or more hours in geography. **Prerequisite:** Consent of department review committee.

**450. TOPICS IN GEOGRAPHY****3 hours credit**

An analysis of selected systematic and/or regional topics. A single theme will be considered and will be entered on the student's transcript. May be taken three times for credit under different subtitles recorded with the registrar. **Prerequisite:** Consent of instructor. **Three hours per week.**

**475. FIELD PROBLEMS IN GEOGRAPHY****3 - 6 hours credit**

A geographic research field experience. Development of a research proposal, data collection and analysis, and the integration of such in a formal research paper. **Prerequisite:** Consent of instructor.

**504. SEMINAR: PHYSICAL GEOGRAPHY****3 hours credit**

A seminar dealing with current problems in the areas of meteorology, climatology, soils, geomorphology and vegetation. Topics selected with consent of instructor. May be taken twice for credit under different subtitles recorded with the registrar. **Prerequisite:** 400-level physical geography course or consent of instructor. **Three hours per week.**

**506. SEMINAR IN REGIONAL GEOGRAPHY****3 hours credit**

An analysis of selected topics on the physical and/or human geography of specified geographic regions. The region under consideration varies from semester to semester. Topics chosen with the consent of the instructor. May be taken twice for credit under different subtitles recorded with the registrar. **Prerequisite:** 300-level regional geography course. **Three hours per week.**

**530. DIRECTED RESEARCH****3 hours credit**

Preparation of optional research project in master's degree program under departmental direction.

**Health****401. COMMUNITY HEALTH****3 hours credit**

A study of the factors involved in improving public health, including a survey of community health problems and resources, and the role of the teacher in community health. **Three hours per week.**

**410. STRESS AND STRESS MANAGEMENT****3 hours credit**

A study of the nature of the stress response and the practical application of stress management techniques. Major topics include: the psychophysiology of stress; the role of stress in

disease; cognitive reappraisal; and relaxation training. Useful for personal growth and professional application. **Prerequisites:** Biology 215, 216. **Three hours per week.**

**History****400. HISTORY OF MARYLAND****3 hours credit**

A study of Maryland history and government from the Colonial period to the present. The course places special stress on the leaders, institutions and contributions made in Maryland and by Maryland to the nation. **Three hours per week.**

**401. AMERICAN DIPLOMACY****3 hours credit**

A historical study of the foreign relations of the United States and the resultant diplomatic negotiations from 1776 to the present. **Three hours per week.**

**405. THE UNITED STATES IN THE 20TH CENTURY I****3 hours credit**

Populism to 1932. A study of the political, economic, intellectual and social problems attending America's rise to world power later in the 19th century, its involvement in World War I, the changes attending that conflict and the problems of the 1920s. **Three hours per week.**

**406. THE UNITED STATES IN THE 20TH CENTURY II****3 hours credit**

F.D. Roosevelt to the present. A study of the efforts of the United States to resolve the complex problems of the 1930s intensified by the Great Depression, its involvement in World War II and struggles to maintain peace in the the postwar world. **Three hours per week.**

**407. THE WESTWARD MOVEMENT****3 hours credit**

A study of the Westward Movement from the Atlantic to the Trans-Allegheny and Trans-Mississippi West, with emphasis upon the influence of the frontiers in shaping American civilization. **Three hours per week.**

**408. HISTORY OF THE SOUTH****3 hours credit**

A history of the South from the Colonial period to the present, covering developments in politics, economics, culture and society. **Three hours per week.**

**409. RECENT TRENDS AND****DEVELOPMENT IN LATIN AMERICA****3 hours credit**

An examination of the important political, economic and military changes in Latin America, particularly those of the 20th century. **Three hours per week.**

**411. PROBLEMS IN LATIN AMERICAN HISTORY****3 hours credit**

Readings, reports and discussion of historical problems of Latin American development. **Three hours per week.**

**412. SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES I****(1600-1875)****3 hours credit**

(See course description of HIST 413.)

**413. SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES II****(1876 to present)****3 hours credit**

These courses are a study of American thought as reflected by the people and their leaders. The development of American heritage is covered from the Colonial period to the present, with emphasis upon the intellectual, social, religious and economic movements. The first course covers the Colonial period to Reconstruction and the second course from about 1876 to present. **Three hours per week.**

**417. HISTORY OF SCIENCE AND TECHNOLOGY****3 hours credit**

A survey of the evolution of scientific achievements and technology in the Western world, with particular emphasis on the cultural, economic and social implication of these developments. **Prerequisites:** HIST 101, 102. **Three hours per week.**

**421. EUROPE IN THE 20TH CENTURY WORLD****3 hours credit**

A study of economic, social, intellectual and political development of Europe viewed in the context of world wars, depression and conflicting political ideologies, showing the decline of European dominance and the rise of America and Asia. **Prerequisites:** HIST 101, 102. **Three hours per week.**

**423. RUSSIA: RISE TO IMPERIAL POWER****3 hours credit**

A study of Russia from its Kievan origins, its

medieval growth and consolidation, to the empire inherited by Nicholas I; emphasis on the social, economic and political developments. **Prerequisites:** HIST 101, 102. **Three hours per week.**

**424. MODERN RUSSIA** 3 hours credit

A survey of the growth of a modern, industrialized, bureaucratic state, from the reign of Nicholas I to the present, with emphasis on the social, economic and political forces which have shaped the Soviet Union of today. **Prerequisites:** HIST 101, 102. **Three hours per week.**

**426. HISTORY OF SOUTHERN ASIA** 3 hours credit

A study of the Indian sub-continent and adjacent regions, their social development, the evolution of Hinduism and Buddhism, the Islamic, Mongol, and British conquests, the rise of nationalism and the status of the region today. **Prerequisites:** HIST 101, 102. **Three hours per week.**

**430. READINGS IN HISTORY** 3 hours credit

A readings course in history for students who have achieved above average in at least 18 hours of history courses. This course may be taken twice under different course titles recorded with the registrar. **Three hours per week.**

**437. HISTORY OF EUROPEAN IDEAS** 3 hours credit

A survey of the Western intellectual tradition, beginning with its heritage from the ancient world and emphasizing the main currents of European thought from the Middle Ages to the present. Particular emphasis will be placed on the rise of a spirit of free inquiry, the development of a scientific attitude and the growth of a distinct intellectual class. **Prerequisites:** HIST 101, 102. **Three hours per week.**

**440. MINORITY GROUPS IN UNITED STATES HISTORY** 3 hours credit

Attention is given to the role and contribution of minority groups in general, with special emphasis on some of the larger and older minority groups. **Three hours per week.**

**445. BLACK AMERICAN HISTORY** 3 hours credit

A study of the life and role of the black American from the Colonial period to the present. **Three hours per week.**

**450. SELECTED PROBLEMS IN EUROPEAN THOUGHT AND CULTURE, 1700-1840**

**3 hours credit**

Readings and discussion in this course will focus on intellectual currents in England, France and Germany in the 18th and early 19th centuries. Works of contemporary writers will be examined in the context of social and political developments. **Prerequisites:** HIST 101, 102. **Three hours per week.**

**460. HISTORY OF CHINA SINCE 1800** 3 hours credit

The revolutionary transformation of China from the 19th century to the present, with emphasis on the impact of imperialism, the profound effects of western technology and foreign policy wrought by the history of its relations with the west. **Prerequisite:** HIST 101, 102. **Three hours per week.**

**470. HISTORY OF THE EARLY ROMAN EMPIRE** 3 hours credit

An intense study of particular institutions and movements in Roman history. Emphasis on family history and social and religious trends during the early imperial period of Roman history. **Prerequisites:** HIST 101, 102. **Three hours per week.**

**472. STUDIES IN CLASSICAL ARCHAEOLOGY** 3 hours credit

Assorted topics and archaeological sites of the ancient Mediterranean world (Crete, Greece and Italy) will be examined. Course may be taken twice under different subtitles recorded with the registrar. **Prerequisites:** HIST 101, 102. **Three hours per week.**

**474. HISTORY OF ANCIENT EGYPT** 3 hours credit

An intensive study of three eras of Egyptian history: the pyramid age, the chaotic middle kingdom and New Kingdom Absolutism. Emphasis on cultural, religious and artistic contributions. **Prerequisite:** HIST 101. **Three hours per week.**

**480. MUSEUM STUDIES** 3 hours credit

The course is designed as a work experience which invites students to learn techniques of museology. The student will work in cooperation with various local or regional museums. The learning experience will take place under the supervision and direction of a museum curator. May be repeated once.

**490. STUDIES IN HISTORY** 3 hours credit

An intensive historical study of particular periods, groups, economics, and intellectual, cultural and social movements and/or institutions. This course may be taken twice under different course titles recorded with the registrar. **Three hours per week.**

**502. SEMINAR: COLONIAL AND REVOLUTIONARY AMERICA** 3 hours credit

A study of Colonial institutions and the American Revolutionary movement. Emphasis is placed upon the study of specific topics through individual research projects. This course may be taken twice under different course subtitles recorded with the registrar. **Three hours per week.**

**503. SEMINAR IN 19TH CENTURY AMERICA** 3 hours credit

This seminar offers an opportunity to the student to explore in-depth 19th century American society, via themes selected by the instructor. This course may be taken twice under different course subtitles recorded with the registrar. **Three hours per week.**

**504. SEMINAR IN EUROPEAN HISTORY** 3 hours credit

A seminar designed to enable the student to explore, through intensive research, basic problems in European history. The period or topics to be studied will be selected by the instructor. This course may be taken twice under different course subtitles recorded with the registrar. **Three hours per week.**

**505. SEMINAR: MARYLAND HISTORY** 3 hours credit

A seminar designed to acquaint students, through readings and research, with some of the major problems and developments in the history of Maryland. This course may be taken twice under different course subtitles recorded with the registrar. **Three hours per week.**

**506. SEMINAR IN 20TH CENTURY AMERICA** 3 hours credit

A seminar enabling the student to intensively explore specific periods and/or problems in this century through individual research. This course may be taken twice under different course subtitles recorded with the registrar. **Three hours per week.**

**508. SEMINAR IN AMERICAN DIPLOMACY** 3 hours credit

A seminar permitting students to investigate, through reading and research, selected problems in the history of American diplomacy. This course may be taken twice under different course subtitles recorded with the registrar. **Three hours per week.**

**510. SEMINAR IN LATIN AMERICAN HISTORY** 3 hours credit

An intensive study of major institutions and specific periods in Latin America through reading and research. This course may be taken twice under different course subtitles recorded with the registrar. **Three hours per week.**

**512. READING SEMINAR** 3 hours credit

An extensive-intensive directed readings course on a topic selected by the instructor. It is intended to be an in-depth survey of a specific topic, as well as preparation for the written and oral examinations for the M.A. **Three hours per week.**

**530. DIRECTED RESEARCH** 3 hours credit

Preparation of optional research project in master's degree program under direction of departmental supervision. **Three hours per week.**

**531. THESIS** 3 hours credit

**Mathematical Sciences**

**402. THEORY OF NUMBERS** 3 hours credit

Basic concepts: integers, prime numbers, divisibility, congruences and residues. **Prerequisite:** MATH 201. **Three hours per week.**

**406. GEOMETRIC STRUCTURES** 3 hours credit

An axiomatic development of incidence, ordered incidence, affine and absolute geometries; investigation of Euclidean and non-Euclidean geometries. **Prerequisite:** MATH 201. **Three hours per week.**

**413. MATHEMATICAL STATISTICS I** 3 hours credit

Axioms and algebra of probability, discrete and continuous random variables and their probability distributions, multivariate distributions and limit theorems. **Prerequisite:** MATH 310. **Three hours per week.**

**414. MATHEMATICAL STATISTICS II**  
**3 hours credit**

Methods of estimating, properties of estimators, hypothesis testing, linear models, least squares, analysis of variance, enumerative data and non-parametric statistics. **Prerequisite:** MATH 413. **Three hours per week.**

**441. ABSTRACT ALGEBRA**  
**3 hours credit**

An introduction to the theory of groups, rings, integral domains and fields, including basic properties of polynomials. **Prerequisite:** MATH 306 or 310. **Three hours per week.**

**451. ANALYSIS I**  
**3 hours credit**

Modern abstract analysis including such topics as topology of the real number system, sequences, continuity and differentiability. **Prerequisite:** MATH 310. **Three hours per week.**

**465. MATHEMATICAL MODELS AND APPLICATIONS**  
**3 hours credit**

Mathematical basis for model building; examples of simple models for uncomplicated systems in biology, psychology, business and other fields, finite markov processes; models for growth processes. **Prerequisite:** MATH 306. **Three hours per week.**

**471. NUMERICAL ANALYSIS**  
**3 hours credit**

Such topics as interpolation, functional approximation, numerical differentiation and integration, nonlinear equations, systems of linear equations and analysis of error. **Prerequisites:** MATH 311 and programming experience. **Three hours credit.**

**480. HISTORY OF MATHEMATICS**  
**3 hours credit**

A study of the chronological development of mathematics, with emphasis on both the mathematical concepts and the principal contributors to the development of those concepts. **Prerequisite:** MATH 402 or 406, or 441. **Three hours per week.**

**490. SPECIAL TOPICS**  
**3 hours credit**

For the student who wishes to study in certain specialized areas such as functional analysis, multivariate statistics or artificial intelligence. This course may be taken twice under different course subtitles recorded with the registrar. **Prerequisites:**

ites: For most topics, MATH 306 and 310. **Three hours per week.**

**500. FOUNDATIONS OF NUMBER THEORY**  
**3 hours credit**

Designed for teachers of arithmetic, with emphasis on the development of the real number system in Elementary Number Theory. **Prerequisite:** One course in college mathematics or consent of instructor. **Three hours per week.**

**502. APPLIED STATISTICS**  
**3 hours credit**

The use of linear models in the analysis of data, starting with simple models and going to more complex models. Special attention will be given to the use and abuse of these models by researchers. **Prerequisite:** A course in statistics (MATH 151 or 114). **Three hours per week.**

**506. SELECTED TOPICS**  
**3 hours credit**

Designed for students with a major in mathematics to develop topics in mathematics not included in the undergraduate program, or to extend areas previously studied. **Prerequisite:** Approval of the department.

**507. SEMINAR: ALGEBRA**  
**3 hours credit**

A seminar dealing with selected topics from linear and abstract algebra. A seminar paper is required. **Prerequisite:** Approval of the department.

**530. DIRECTED RESEARCH**  
**3 hours credit**

Preparation of optional research project in Master of Education program under departmental supervision.

**590. SPECIAL PROBLEMS IN MATHEMATICS**  
**3 hours credit**

Individually designed programs including summer workshops and special seminars. Specific topic will be indicated on transcript. This course may be taken twice under different course subtitles recorded with the registrar. **Prerequisite:** Consent of instructor.

**Music**

**400. RENAISSANCE AND BAROQUE MUSICAL STYLES**  
**3 hours credit**

Philosophy, musical forms and styles of the

period 1500-1750; study of representative vocal and instrumental music by outstanding composers of the period. **Prerequisite:** MUSC 104 or approval of department chair. **Three hours per week.**

**401. MUSICAL STYLES OF THE 18TH AND 19TH CENTURIES**  
**3 hours credit**

Philosophy, musical forms and styles of the period 1750-1900; study of representative vocal and instrumental music by outstanding composers of the period. **Prerequisite:** MUSC 104 or approval of department chair. **Three hours per week.**

**403. PIANO HISTORY AND LITERATURE**  
**3 hours credit**

A comprehensive study of the piano and its predecessors, the course traces the history of keyboard instruments, emphasizing the ways in which the development of the instruments affected keyboard literature and performance practices. This course includes familiarization with the principal keyboard composers, performers and instrument makers from earliest times to the present. **Prerequisite:** MUSC 200 or 110 or 104 or approval of instructor.

**406. INTRODUCTION TO ELECTRONIC MUSIC**  
**3 hours credit**

Music synthesis is approached through reading, listening, analysis and studio experience. **Prerequisite:** MUSC 112 or permission of instructor. **Three hours per week.**

**408. MODERN MUSIC**  
**3 hours credit**

Emergence of new developments from late romantic music through serial and electronic music, including influences of jazz and considering the effects of social forces and current world events. **Prerequisite:** MUSC 104 or equivalent. **Three hours per week.**

**409. INTRODUCTION TO ETHNOMUSICOLOGY**  
**3 hours credit**

The study of music of world cultures not associated with the traditional study of Western art music, with emphasis on the musics of Eastern Europe, the Near, Middle and Far East, Africa, the Pacific Islands and native America. **Prerequisites:** MUSC 104 or 110 and 200 or approval of instructor. **Three hours per week.**

**410. CHURCH MUSIC**  
**3 hours credit**

Designed for the practicing or potential church musician. A practical course dealing with all aspects of the church music program. **Prerequisite:** Approval of the instructor. **Three hours per week.**

**411, 412. APPLIED MUSIC I AND II**  
**3 hours credit**

An advanced course in performance technique using a wide variety of literature. A solo recital (alone, or sharing a program with other students) encompassing music of many styles and periods is a required culmination. Students will elect one performing medium (piano or voice or organ or other instrument) and must have completed the fourth course in the sequence for that instrument as a prerequisite. Each course may be repeated for credit once. **Three hours per week and a minimum of 12 individual practice hours per week.**

**416. AMERICAN MUSIC**  
**3 hours credit**

Analysis of musical forces and styles as they reflect the nation's development and America's unique contributions to the growth of music as an art form. **Prerequisite:** MUSC 104 or equivalent. **Three hours per week.**

**426. ARRANGING FOR VOICES AND INSTRUMENTS**  
**3 hours credit**

Fundamental techniques of scoring for various acappella and accompanied voice combinations, scoring for orchestra, band and various instrumental combinations, special characteristics of each choir of instruments, range of voices, selection of suitable literature for treatment in different ensembles, with consideration of style. **Prerequisite:** Theory IV (or concurrent registration with Theory IV). **Three hours per week.**

**429. MUSIC CONCEPTS FOR EARLY CHILDHOOD**  
**3 hours credit**

Melodic and rhythmic elements within the cognitive, physical and aural capabilities of young children (nursery school through primary grades); use of simple creative application to reinforce music concepts. **Prerequisite:** MUSC 200 or approval of instructor. **Three hours per week.**

**430. MUSIC CONCEPTS FOR ELEMENTARY SCHOOL**  
**3 hours credit**

Development of musical skills, with emphasis on part-singing, piano accompaniments, combined rhythms, conducting skills and creative application of these skills appropriate for the elemen-

tary school. **Prerequisite:** MUSC 200 or consent of the instructor. **Three hours per week.**

**431. MUSIC CONCEPTS IN SECONDARY SCHOOL GENERAL MUSIC**  
**3 hours credit**

Selection and application of appropriate materials and techniques to develop musical concepts, skills, knowledge, judgment and discrimination in adolescents. **Prerequisite:** MUSC 200 or consent of instructor. **Three hours per week.**

**435. CHORAL LITERATURE**  
**3 hours credit**

Class investigation and evaluation of choral music for all voice combinations appropriate for elementary through senior high school and adult ensembles. **Three hours per week.**

**440. MODERN MARCHING BAND: TECHNIQUES AND MATERIALS**  
**3 hours credit**

A detailed work survey of traditional marching band styles and their adaptation to current trends. **Prerequisite:** Approval of the instructor. **Three hours per week.**

**441. INSTRUMENTAL LITERATURE**  
**3 hours credit**

Class investigation and evaluation of new methods and materials for bands, orchestras and instrumental ensembles. **Prerequisite:** Approval of the instructor. **Three hours per week.**

**450. STUDIES IN MUSIC**  
**3 hours credit**

Study of a single composer, musical form, performance medium or technique or topic in music education. The topic will differ from semester to semester. This course may be taken twice under different course subtitles recorded with the registrar. Possible prerequisite(s) listed according to topic by semester. **Three hours per week.**

**490. DIRECTED INDEPENDENT STUDY**  
**Variable 1-3 hours credit**

A tutorial course in any area of music open to senior and graduate students. May include continuation of a skills development program begun in the lower level independent study course; or any type of individual research in music not normally included in courses offered by the department; or individual study of an area needed for teacher certification but not offered by the department in the current semester. Approval in writing of department chair and supervising faculty member prior to registration, with the area of study to be specified in writing. May be repeated for a maximum of six credits, under different course

subtitles recorded with the registrar.

**500. 20th CENTURY MUSIC**  
**3 hours credit**

Analysis of the manner in which melody, rhythm, harmony, form and orchestral instruments are used by major modern composers. Political, economic and social forces and current world events are considered for their effects on music of our time. **Three hours per week.**

**505. MUSIC HISTORY AND MUSICAL STYLE**  
**3 hours credit**

The development of Western musical style is traced from early written records to the present, stressing the continuity of basic musical principles. **Prerequisite:** One course in music history or a stylistic period. **Three hours per week.**

**510. RECENT ISSUES AND TRENDS IN MUSIC EDUCATION**  
**3 hours credit**

Student researched seminar presentations on pertinent current issues in general, vocal and instrumental music education. The seminar presentations will, through researching current trends, arrive at conclusions compatible with current practices in music education. **Prerequisites:** SCED 419 and 429 or equivalent. **Three hours per week.**

**511. ADVANCED APPLIED MUSIC**  
**3 hours credit**

Individual studio instruction to provide a graduate extension to an undergraduate major performing area. May be repeated for credit, one time only.

**512. ADMINISTRATION AND SUPERVISION IN SCHOOL MUSIC**  
**3 hours credit**

A course dealing with the need and purpose of supervision in music. Areas of concentration include factors affecting the learning process, curriculum building, fiscal management, evaluation and staff-community relations. **Three hours per week.**

**515. ADVANCED CHORAL CONDUCTING**  
**3 hours credit**

A course designed for the practicing choral conductor. Includes techniques, stylistic interpretation, repertoire and organizational problem analysis. **Prerequisite:** MUSC 310 or equivalent. **Five hours per week (three hours lecture and two hours laboratory).**

**520. PHILOSOPHICAL AND PSYCHOLOGICAL PERSPECTIVES IN MUSIC EDUCATION**  
**3 hours credit**

A review of philosophical tenets and psychological principles as applied to contemporary music education practices, including the standard and recently developed musical aptitude and achievement tests. **Prerequisite:** Graduate status. **Three hours per week.**

**530. DIRECTED RESEARCH IN MUSIC/ MUSIC EDUCATION**  
**3 hours credit**

Preparation of optional research project in the M.Ed. program under the direction of departmental faculty. **Weekly conference with faculty sponsor.**

**590. DIRECTED INDEPENDENT STUDY**  
**Variable 1-3 hours credit**

An individual, graduate tutorial course including research topics not covered in available courses. The written specified area of study must have written approval of the department chair and supervising faculty member prior to registration. May be repeated for a maximum of three hours credit under different course subtitles recorded with the registrar.

**Nursing**

**415. SPECIAL TOPICS IN NURSING**  
**Variable 1-3 hours credit**

Study of a selected area of nursing. Topics may vary from semester to semester. Provides opportunities for curriculum innovation or meeting the special needs or interests of undergraduate and graduate students. May be repeated for credit under different subtitles recorded with the registrar. **One to three hours lecture, zero to two hours lab per week.**

**457. CULTURAL CONSIDERATIONS IN NURSING**  
**2 hours credit**

Provides a basis for application of concepts, theories and methodologies from transcultural nursing to the practice of the health professional. Particular emphasis on the influence of culture on human response to health and illness. **Two hours per week.**

**485. SCHOOL HEALTH**  
**3 hours credit**

Current issues relevant to the health of school age children and adolescents. Topics include: roles of teachers and health professionals, current health problems, and approaches to specific health problems. This course is intended for students in education and health-related professions. **Prerequisite:** PSYC 300 or EDUC 300 or consent of instructor. **Three hours per week.**

**515. EPIDEMIOLOGY**

**3 hours credit**

Focuses on epidemiologic concepts and the incorporation of empirical epidemiologic data into the advanced application of the nursing process. Emphasis is placed on the study of health problems affecting families in rural settings. **Three hours lecture per week.** May not be taken by students who have taken NURS 553.

**516. FAMILY NURSING I**

**5 hours credit**

Explores advanced theoretical and empirical knowledge related to families, with special attention to families in rural settings. Emphasis is placed on incorporation of this knowledge into the advanced application of the nursing process with the rural family as a client to improve family health. **Three hours lecture, six hours clinical practice per week.** May not be taken by students who have taken NURS 518.

**517. FAMILY NURSING II**

**5 hours credit**

Continues the exploration of advanced theoretical and empirical knowledge related to families in rural settings, with emphasis on the application of research findings. The expanded application of the nursing process focuses on the culture and characteristics of the rural communities in which families live and their influences on health and adaptation. **Prerequisites:** NURS 515 and 516. **Two hours lecture, nine hours clinical practice per week.** May not be taken by students who have taken NURS 530.

**525. HEALTH CARE SYSTEMS**

**3 hours credit**

Explores the structure and functions of the health care system and the legal, ethical and economic forces that impact on it. Emphasis is placed on rural health issues and on the role of the advanced nurse practitioner in analyzing these issues and serving as an advocate for policies which will positively affect the health of rural families. **Three hours lecture per week.** May not be taken by students who have taken NURS 535.

**538. NURSING THEORIES**

**3 hours credit**

Examines the nature of concepts, models and theories in the context of scientific development and the historical development of nursing knowledge. A comparative analysis of evolving nursing theories will be made in regard to: meeting criteria for theory building, major concepts used, theoretical perspectives used, testability and practicality for application with the nursing process in clinical practice, teaching and research. **Three hours lecture per week.**

ture per week. May not be taken by students who have taken NURS 510.

**544. NURSING RESEARCH DESIGNS**  
**3 hours credit**

Builds upon knowledge of the research process learned at the baccalaureate level. Focuses on the importance of the research process in the development and testing of nursing theory. Emphasis is placed on the role of the advanced nurse practitioner as a consumer and practitioner of nursing research. **Prerequisite:** MATH 502. **Three hours lecture per week.** May not be taken by students who have taken NURS 520.

**545. RESEARCH DEVELOPMENT**  
**1 hour credit**

Provides peer and faculty support for the development of thesis research. **Prerequisites:** MATH 502, NURS 544. **One hour seminar per week.** Must take for three semesters for one credit each semester.

**552. SPECIALIZED ROLES IN NURSING**  
**2 hours credit**

Provides a theoretical base for understanding the structure, functions and processes of organizations. Emphasis is placed on the commonalities between nursing service administration roles and clinical specialist roles in improving organizational effectiveness and efficiency for the delivery of health care to rural families. **Prerequisite or corequisite:** Nursing 525. **Two hours seminar per week.** May not be taken by students who have taken NURS 546.

**554. ADMINISTRATION IN NURSING SERVICE**  
**6 hours credit**

Focuses on the independent and interdependent functions of the nursing service administrator at various levels of decision making in an organization. Affords the opportunity to implement leadership strategies in selected clinical settings with a nursing service administrator as mentor. Emphasizes the role of the advanced nurse practitioner as a change agent in planning, implementing and evaluating health care for rural families. **Prerequisites:** NURS 525, 552; BUAD 535 must be prerequisite or corequisite. **Two hours seminar, 12 hours clinical practicum per week.** May not be taken by students who have taken NURS 555.

**556. CLINICAL NURSE SPECIALIZATION**  
**6 hours credit**

Focuses on the diverse clinical and organization skills necessary for functioning effectively as a clinical nurse specialist in family nursing in varied clinical settings of a rural area. Affords the opportunity to gain expertise in conjunction with a qualified advanced nurse clinician role model and to develop in the leadership role as a family advocate and change agent. **Pre-**

**requisites:** NURS 525, 552. **Prerequisite or corequisite:** EDUC 509 or BIOL 550. **Two hours seminar, 12 hours clinical practicum per week.** May not be taken by students who have taken NURS 550.

**580. SPECIAL TOPICS IN NURSING**  
**1-3 hours credit**

Intensive study of a selected topic relevant to nursing in rural areas. This course may be taken twice under different course subtitles recorded with the registrar. **Prerequisite:** Consent of a graduate nursing program faculty member. **One to three hours lecture per week; zero-two hours lab per week.**

**590. THESIS**  
**1 hour credit**

Provides faculty support for completion of the thesis. **Prerequisite:** Completion of all coursework. Must register for one credit for each semester working on thesis.

## Philosophy

**402. THE PROBLEM OF GOD**  
**3 hours credit**

This course involves an effort to think through the ultimate questions philosophy asks about God's nature and existence. Attention will be given to a variety of themes, including the relationship between God and nature, the personhood of God, atheism and the meaningfulness of human speech about God. **Prerequisite:** One philosophy course or consent of instructor. **Three hours per week.**

**403. EXISTENTIALISM**  
**3 hours credit**

A close look at the basic human problems of self, God and others as seen from the existentialist perspective. Major themes of alienation, authenticity, freedom, commitment and dread are traced from their roots in the 19th century philosophies of Kierkegaard and Nietzsche to contemporary expressions by Sartre, Camus, Heidegger and Buber, et al. **Prerequisite:** One philosophy course or consent of instructor. **Three hours per week.**

**406. PHILOSOPHY OF SCIENCE**  
**3 hours credit**

A critical examination of the philosophical problems common to the natural sciences, such as the nature of scientific laws and theories, and problems involved in scientific explanation. **Prerequisite:** One philosophy course or consent of instructor. **Three hours per week.**

**450. PHILOSOPHICAL CONCEPTS IN LITERATURE**  
**3 hours credit**

This course involves an examination of a philosophical theme (e.g., existentialism, tragedy) as reflected in works of literature. The theme to be treated will vary from offering to offering. This course may be taken twice under different course subtitles recorded with the registrar. **Prerequisites:** ENGL 101, 102 and one philosophy course, or consent of instructor. **Three hours per week.**

**475. SEMINAR IN PHILOSOPHY**  
**3 hours credit**

The content of this course varies from semester to semester. It seeks to offer to advanced students in philosophy an opportunity to research and reflect on an issue or theme more thoroughly and intensely than is possible in an ordinary course. May be repeated for credit with faculty approval. **Prerequisite:** Consent of instructor. **Three hours per week.**

**490. INDEPENDENT STUDY**  
**Variable 1-3 hours credit**

A tutorial course in a specific problem in philosophy, a particular philosopher or a particular period of philosophy. Open to junior, senior and graduate students, conditional on faculty member's consent. This course may be taken twice under different course subtitles recorded with the registrar. **Three hours per week.**

## Physical Education

**406. ADMINISTRATION AND ORGANIZATION**  
**3 hours credit**

Problems of administrative structure and procedure, program planning, organization of physical education classes and departments, and organization of athletic programs. **Prerequisite:** Admission to Professional Education Program or equivalent. **Three hours per week.**

**413. ADVANCED ATHLETIC TRAINING**  
**3 hours credit**

Designed as preparation for advanced knowledge of athletic injuries and prevention, evaluation, treatment and rehabilitation. Twenty-five hours of practical experience. **Prerequisite:** PHEC 313 or consent of instructor. **Three hours per week.**

**415. CLINICAL ROTATION IN ATHLETIC TRAINING**  
**3 hours credit**

A course designed to expose students to clinical situations which enhance their understanding of the etiologies pertaining to injuries, both athletic and non-athletic. Topics include recognition, treatment, care, and rehabilitation of injuries. **Pre-**

**requisites:** PHEC 313, PHEC 413, and HLTH 201 or equivalent. **Two hours lecture and seven hours clinical per week.**

**451. PSYCHO-SOCIAL ASPECTS OF SPORT**  
**3 hours credit**

The interaction of physical education (sports) with the psychological and sociological development of the individual. **Prerequisite:** PSYC 210 or consent of instructor. **Three hours per week.**

**460. DANCE WORKSHOP**  
**3 hours credit**

Considers practical and technical aspects of all types of dance. Designed for instructors or performers who want to enhance their current capabilities and knowledge. **Prerequisite:** Teaching experience or consent of instructor. **Three hours per week.**

**490. SELECTED TOPICS IN PHYSICAL EDUCATION**  
**Variable 1-3 credit hours**

Provides opportunities for short-term needs and interests of students and/or faculty. Affords avenue for curriculum experimentation and innovation at an advanced level. May be taken for a maximum of six credits, under different course subtitles recorded with the registrar. **Prerequisite:** Consent of department chair.

## Physical Sciences

**423. EXPERIMENTAL PHYSICAL CHEMISTRY I**  
**2 hours credit**

A laboratory and report writing course emphasizing classical experiments in physical chemistry. **Prerequisite or corequisite:** CHEM 341. **Two hours lecture and two hours laboratory per week.**

**424. EXPERIMENTAL PHYSICAL CHEMISTRY II**  
**2 hours credit**

A laboratory-based course emphasizing the theory and applications of modern instrumental methods. **Prerequisite or corequisite:** CHEM 342. **Two hours lecture and two hours laboratory per week.**

**499. SPECIAL TOPICS IN CHEMISTRY AND PHYSICS**  
**3 hours credit**

A study of a specific area of physical science. The topic will vary from semester to semester. The course may be taken twice for credit, under

different course subtitles recorded with the registrar. **Three hours per week.**

**599. SPECIAL TOPICS IN CHEMISTRY**  
Variable 1-4 hours credit

A study of a specific area of chemistry. The topic will vary from semester to semester. The course may be taken twice for credit under different subtitles recorded with the registrar. **Lab-lecture equivalence.**

**Political Science**

**401. POLITICAL THEORY**  
3 hours credit

A survey of political thought based on the analysis of ideas of leading ancient, medieval and modern theorists, including the historical setting of major theories, their impact on political institutions and social changes, and their contemporary significance. **Prerequisite:** POSC 101 or 110. **Three hours per week.**

**409. THEORY OF INTERNATIONAL RELATIONS: CONFLICT AND WAR**  
3 hours credit

This course is designed to acquaint students with the major theories of international relations, especially those concerned with explaining international conflict. The major questions to be studied are: Why do nations go to war? How can war be prevented? Once war is begun, how can it be limited and terminated? **Prerequisite:** Nine hours of social sciences. **Three hours per week.**

**411. INTERNATIONAL LAW**  
3 hours credit

A survey of the general principles and special rules of international law, as well as its recent trends and its relations to other aspects of international affairs. **Prerequisite:** POSC 101 or 110. **Three hours per week.**

**415. SOVIET FOREIGN POLICY**  
3 hours credit

A study of the trends, developments and major issues in Soviet foreign policy. An attempt will be made to address the historical background and the ideological foundations of Soviet foreign policy, as well as the domestic political factors which have shaped Soviet foreign relations. **Prerequisites:** POSC Science 310 or HIST 424 or permission of the instructor. **Three hours per week.**

**430. THE CONGRESS IN AMERICAN POLITICS**  
3 hours credit

Analysis of the structural characteristics and functions of the United States Congress. Factors influencing congressional decision making and the importance of Congress in the American political process will be discussed. **Prerequisites:** POSC 101 and 110. **Three hours per week.**

**431. LOCAL GOVERNMENT IN THE UNITED STATES**  
3 hours credit

An examination of county, metropolitan and municipal governments with emphasis on a description of these political subsystems, their place in the federal system and the relationship between the socio-economic environment, governmental structure and public policy. **Prerequisites:** POSC 101 and 110. **Three hours per week.**

**440. PUBLIC ADMINISTRATION**  
3 hours credit

A study of the basic characteristics of modern American governmental bureaucracies, as well as an analysis of some of the important issues which public administrators face. Exploration of administrative and organizational theories. Credit will not be granted if the student has taken POSC 220. **Prerequisite:** Political Science 101 or 110. **Three hours per week.**

**480. STUDIES IN POLITICAL SCIENCE**  
3 hours credit

An intensive study of a specialized area of inquiry within the major subfields of political science: American government, international relations, comparative government, political theory and public policy. This course may be taken twice under different titles recorded with the registrar. **Prerequisite:** Consent of the instructor. **Three hours per week.**

**490. INDIVIDUAL RESEARCH**  
3 hours credit

Advanced students, under the direction of a faculty member, pursue a research project involving an in-depth reading program or the collection and analysis of data from primary sources. May be taken twice under different titles recorded with the registrar. **Prerequisite:** Advanced standing and consent of the instructor who will direct the study. **Three hours per week.**

**500. PROBLEMS OF WORLD POLITICS**  
3 hours credit

A study of the political problems and issues among nations—such as propaganda—causes of war, armaments control and neutrality which affect the peace and security of the United States and other nations. **Three hours per week.**

**510. SEMINAR IN AMERICAN GOVERNMENT**  
3 hours credit

A seminar designed to examine contemporary problems in governing the American nation. This course may be taken twice under different course subtitles recorded with the registrar. **Three hours per week.**

**Psychology**

**403. MEASUREMENT AND EVALUATION IN PSYCHOLOGY**  
3 hours credit

A coverage of correlational techniques, reliability and validity. Psychological tests and questionnaires are considered in terms of their measurement assumptions and utility. **Prerequisite:** PSYC 220 or consent of instructor. **Three hours per week.**

**405. ABNORMAL PSYCHOLOGY**  
3 hours credit

A survey of the etiology, diagnosis and prognosis of neurosis, psychosis, psychosomatic disorders, transient situational maladjustments and personality disorders. Included will be a discussion of various treatment approaches. **Prerequisite:** PSYC 210. **Three hours per week.**

**406. PSYCHOLOGY OF ATTITUDES AND ATTITUDE CHANGE**  
3 hours credit

This course is concerned with how attitudes are formed, measured and changed. Emphasis will be placed on the classical theories and on new approaches to attitude formulation and change. **Prerequisite:** PSYC 306 or consent of the instructor. **Three hours per week.**

**407. PSYCHOLOGY OF PERSONALITY**  
3 hours credit

A survey of major theoretical approaches to the origin and development of human personality. **Prerequisite:** PSYC 210. **Three hours per week.**

**408. HISTORY AND SYSTEMS IN PSYCHOLOGY**  
3 hours credit

Study of basic integrating theories of psychology. **Prerequisite:** PSYC 211 or consent of the instructor. **Three hours per week.**

**409. ENVIRONMENTAL PSYCHOLOGY**  
3 hours credit

A study of the effects of the environment on

human behavior. Consideration will be given to such topics as organizational structure and climate, architecture, population density and urban stress. **Prerequisite:** PSYC 210. **Three hours per week.**

**412. PHYSIOLOGICAL PSYCHOLOGY**  
3 hours credit

The investigation of morphological, neurochemical and physiological bases of behavior. **Prerequisite:** PSYC 211. **Three hours per week.**

**415. MOTIVATION AND EMOTION**  
3 hours credit

A survey of experimental findings and theory of processes that energize and direct behavior. **Prerequisite:** PSYC 211. **Three hours per week.**

**422. PSYCHOLOGY OF AGING**  
3 hours credit

A study of selected topics in human development from early adulthood to senescence. **Prerequisite:** PSYC 210. **Three hours per week.**

**423. PSYCHOLOGY OF THE EXCEPTIONAL CHILD**  
3 hours credit

A study of children who vary from the norm, including the gifted, physically handicapped, mentally handicapped, socially handicapped and emotionally disturbed. **Prerequisite:** PSYC 300 or PSYC 320, or EDUC 300, or consent of the instructor. **Three hours per week.**

**425. PSYCHOLOGY PRACTICUM**  
3 hours credit

A course designed to provide the psychology major with actual training experience in a variety of clinical settings. May be taken twice. **Prerequisite:** Consent of instructor. **Minimum of 10 hours per week plus supervision.**

**430. LEARNING THEORY AND ITS APPLICATION**  
3 hours credit

A course designed to acquaint students with the theoretical base and experimental data to support a unified approach to human learning. This course will also provide the student with the direct applicability of learning theory to the education of the individual. **Prerequisite:** EDUC 300, PSYC 211 (or equivalent) or consent of the instructor. **Three hours per week.**

**460. INTRODUCTION TO CLINICAL PSYCHOLOGY** **3 hours credit**

A comparative study of the theories and practices in the treatment of mental and emotional disorders. Included are the most commonly employed analytical, neo-analytical and behavioral systems of clinical psychology as well as a survey of psychodiagnostic materials. **Prerequisite:** PSYC 210 or consent of instructor. **Three hours per week.**

**462. BEHAVIOR MODIFICATION IN BUSINESS AND INDUSTRY** **3 hours credit**

A behavioral analysis of problems and topics taken from current business and industry journals. Additional emphasis on procedures used in leadership effectiveness programs. **Prerequisite:** PSYC 210. **Three hours per week.**

**465. PRINCIPLES AND TECHNIQUES OF GROUP THEORY** **3 hours credit**

A study of the principles and techniques of group counseling/psychotherapy and their application. Includes a review of the psychological and historical development of group theory and a study of the pertinent research. Discussion and role-playing are important elements of this course. **Prerequisite:** Advanced standing. **Three hours per week.**

**490. INDIVIDUAL DIRECTED STUDY** **Variable 1-3 hours**

A course designed to enable advanced students to pursue through observation, experimentation or library research a topic of their choosing. May be taken more than once for a maximum of six credits. **Prerequisite:** Consent of department chair.

**495. SELECTED TOPICS IN PSYCHOLOGY** **Variable 1-3 hours credit**

Intensive study in a psychological therapeutic technique, person, developmental period or theory. May be repeated for credit in different areas of study for a maximum of six credit hours. **Prerequisite:** Consent of instructor.

**500. SEMINAR IN PROFESSIONAL PSYCHOLOGY** **3 hours credit**

This seminar is an intensive study of current issues in the practice of psychology including legal and ethical issues, professional identity, practical issues related to working in community-based agencies and treating special populations. **Prerequisite:** Admission to master's program in

psychology or consent of instructor. **Three hours per week. (To be taken prior to enrolling in any practicum course.)**

**501. A SEMINAR IN THE PSYCHOLOGY OF THE MENTALLY RETARDED** **3 hours credit**

A seminar enabling students to intensively investigate specific problems in the etiology, diagnosis, assessment and treatment of the mentally retarded. **Prerequisites:** PSYCH 468 and consent of instructor. **Three hours per week.**

**502. PSYCHOLOGY OF LEARNING DISABILITIES** **3 hours credit**

A thorough overview of learning dysfunctions from the points of view of medicine, psychology and education. Emphasis placed on deviant learning problems, causes of learning disabilities, identification and treatments. **Prerequisite:** PSYC 423 or equivalent. **Three hours per week.**

**503. BEHAVIORAL PROBLEMS IN CHILDREN AND YOUTH** **3 hours credit**

A study of behavioral problems in children and young people, ranging from mild personality disorders to psychoses. Special consideration is given to symptoms, etiology and treatment. **Prerequisites:** Master's degree student and consent of instructor. **Three hours per week.**

**504. MENTAL HYGIENE** **3 hours credit**

A study of the forces influencing the development of the stable and the deviant personality and how most effectively to deal with these factors. **Prerequisite:** PSYC 210 or consent of the instructor. **Three hours per week.**

**505. PERSONALITY ASSESSMENT** **3 hours credit**

This course focuses on objective and projective personality assessment procedures, including questionnaires, situational tests, attitude scales and behavioral observation. **Prerequisite:** Admission to master's program in psychology or consent of program director, and PSYC 407. **Three hours per week.**

**507. PSYCHOTHERAPY AND COUNSELING I** **3 hours credit**

The implications for the theory and practice of counseling that might be derived from psychodynamics and interpersonal and experiential sources are studied. **Prerequisite:** Admission to master's program in psychology or consent of instructor. **Three hours per week.**

**508. PSYCHOTHERAPY AND COUNSELING II** **3 hours credit**

This course acquaints the student with principles underlying learning and cognitive processes and their application to behavioral approaches to counseling and therapy. **Prerequisite:** PSYC 507 and consent of instructor. **Three hours per week.**

**511. DIAGNOSTIC TESTS IN COUNSELING** **3 hours credit**

A study of diagnostic tests in counseling and their relationship to therapeutic procedures in order to better understand clients and improve effectiveness. **Prerequisite:** Master's degree student. **Three hours per week.**

**515. SEMINAR IN ADOLESCENT BEHAVIOR** **3 hours credit**

This course will cover current issues in adolescent behavior such as drug use, parental relationships, peer interactions and other related topics. This course will require a paper, an adolescent study and group work in developing research tools. **Three hours per week.**

**520. INDIVIDUAL INTELLIGENCE TESTING** **3 hours credit**

This course focuses on various individual intelligence and behavioral observation tests of children and adolescents. It emphasizes the administration and the reporting of individual intelligence test results. **Prerequisite:** Admission to the master's program in psychology or consent of program director, and PSYC 403 or EDUC 532. **Three hours per week.**

**521. PSYCHO-EDUCATIONAL ASSESSMENT** **3 hours credit**

This course will focus on theory, research findings and clinical applications of major testing instruments for the learning disabled, mentally retarded, emotionally disturbed and physically handicapped. **Prerequisite:** Admission to master's program in psychology or consent of program director, and PSYC 520 or equivalent. **Three hours per week.**

**525. ADVANCED CLINICAL PRACTICUM** **3 hours credit**

This course offers students counseling and assessment practice with clients who have personal, social, vocational and educational concerns. The course includes individual supervision and a weekly seminar on counseling process and/or assessment issues consistent with the role and function of a counseling psychologist or school psychologist. May be repeated once. **Prerequisites:** Admission to master's program in psychology and consent of instructor. **Minimum of 10 hours per week plus supervision.**

**530. DIRECTED RESEARCH** **3 hours credit**

Preparation of optional research project for students in Master of Education program concentrating in psychology. **Prerequisite:** Consent of department chair.

**531. THESIS** **3 hours credit**

**544. CLINICAL INTERVENTION SKILLS** **3 hours credit**

This course focuses on counseling as a communication process and covers such topics as the counseling relationships, verbal and nonverbal communication, helping stages, and therapeutic intervention strategies involved in the counseling process. **Prerequisite:** Admission to master's program in psychology or consent of instructor. **Three hours per week.**

**555. EXPERIMENTAL DESIGN** **3 hours credit**

In order to provide students with the necessary research tools to adequately determine the effectiveness of various treatment approaches, this course focuses on the assessment of designs for research questions. **Prerequisite:** PSYCH 560 or consent of instructor. **Two hours lecture and two hours of laboratory per week.**

**560. STATISTICAL ANALYSIS OF EXPERIMENTS** **3 hours credit**

A coverage of the statistical procedures necessary to test hypotheses. Topics to be covered will include test of a single parameter and the differences between two or more parameters. Correlation will be considered also. **Prerequisite:** Master's degree student. **Three hours per week.**

**562. HUMAN DEVELOPMENT** **3 hours credit**

In-depth study of human growth and development. The course is geared to the graduate student who has not had developmental psychology or the psychology of infancy and childhood. Topics to

be covered include biological bases of development, learning, intellectual and moral development, language, motivation and emotion, and the socialization influence of family, peers and schools. **Prerequisite:** PSYC 210. **Three hours per week.**

**566. ADVANCED GROUP THEORY AND PRACTICE**  
**3 hours credit**

In this course students will receive training and knowledge in the following areas: theoretical models for groups; techniques and exercises in facilitating the group process; practice in groups and self-analysis experiences. **Prerequisite:** PSYC 465. **Three hours per week.**

**575. GRADUATE SEMINAR ON AGING**  
**3 hours credit**

An intensive survey of some aspects of human aging. It covers theories, retirement, middle age problems, work, leisure, physical aspects of aging, education and opportunities for the aged. It is designed to make students sensitive to the needs of the aged, as well as to provide them with basic data. **Three hours per week.**

**580. PHYSIOLOGICAL ASPECTS OF ABNORMAL BEHAVIOR**  
**3 hours credit**

This course is designed to familiarize the student with brain and nervous system actions, demonstrating how malfunctions in physiological systems correlate with behavioral abnormalities. **Three hours per week.**

## Social Science

**400. CURRENT PROBLEMS**  
**3 hours credit**

A study is made of either general or special topics of our times. The topics are considered from historic aspects and the present social and from cultural settings in which they occur. **Three hours per week.**

## Social Work

**410. ALCOHOL AND DRUGS: IMPLICATIONS FOR HUMAN SERVICES**  
**3 hours credit**

A course focusing on the various forms of alcohol and drug use with an emphasis on the stages of harmful dependence and addiction. There will be an examination of our social and legal responses to these drugs and their uses, as well as approach to treatment, rehabilitation and prevention. **Prerequisite:** SOWO 375 or consent of instructor. **Three hours per week.**

**450. SOCIAL WORK WITH FAMILIES AND CHILDREN**  
**3 hours credit**

Survey of child welfare services and examination of current policies in social work for children and their families. Consideration of practice issues in protective services, in-home services to families, and substitute care including adoption and foster care. **Prerequisite:** SOWO 200 or consent of instructor. **Three hours per week.**

**455. SUBSTANCE ABUSE: ISSUES AND SERVICES**  
**3 hours credit**

This study of alcohol and drug abuse includes topics such as theoretical perspectives on abuse, pharmacological characteristics of commonly abused substances and stages of dependence and addiction and presents an overview of societal response to substance abuse including law enforcement, treatment, rehabilitation and prevention. **Prerequisite:** SOWO 300 or consent of instructor. **Three hours per week.** May not be taken for credit if the student already has credit for SOWO 410.

**460. SOCIAL WORK IN CORRECTIONS**  
**3 hours credit**

Social work intervention in a variety of correctional settings. Focuses on professional role in court and correctional procedures within institutional and community-based programs. **Prerequisite:** SOWO 200 or consent of instructor. **Three hours per week.**

**465. SOCIAL WORK IN HEALTH CARE**  
**3 hours credit**

Explores the role of social work practice in various health care settings. Emphasis on the changing concepts of health and illness. Evaluates the nature of health care organizations, funding mechanisms and ethical dilemmas in social work health care. May not be taken for credit if the student has credit for the same course under SOWK 481. **Prerequisite:** SOWO 300 or consent of instructor. **Three hours per week.**

**470. SOCIAL WORK IN MENTAL HEALTH**  
**3 hours credit**

Investigates the role of the social work profession within the mental health delivery system utilizing a generalist social work approach. Examines social work and mental health concepts, policies, research methods and program development in social service agencies, community mental health facilities and institutional accommodations. May not be taken for credit if the student already has credit for the same course under SOWK 481. **Prerequisite:** SOWO 300 or consent of instructor. **Three hours per week.**

**481. SOCIAL WORK IN SPECIAL SETTINGS**  
**3 hours credit**

Social work concepts, methods and program development in selected human service settings such as school, medical, mental health, etc. In-depth study of setting and organizational goals, structure and patterns of service delivery for social work practice in these settings. May be repeated under different subtitles recorded with the registrar. **Prerequisite:** SOWK 271 or consent of instructor. **Three hours per week.**

**482. SOCIAL WORK WITH MINORITY GROUPS**  
**3 hours credit**

Social work concepts, methods, values and commitments to program development for minority groups such as the physically and mentally handicapped, migrant workers, women, etc. A careful look at subcultures, situational and significant organizational arrangements for social work practice with these groups. **Prerequisite:** SOWK 375 or consent of instructor. **Three hours per week.**

**484. SOCIAL WORK AND THE LAW**  
**3 hours credit**

Study of social welfare, family, consumer law and the legal authority of social agencies to make regulations. Guidelines for court testimony and rules of evidence presented. **Prerequisite:** SOWK 200 or consent of instructor. **Three hours per week.**

## Sociology and Anthropology

**409. SOCIOLOGY OF EDUCATION**  
**3 hours credit**

Analysis of public education as a bureaucratic social institution, the countervailing community power structure and the professional role of the educator. **Three hours per week.**

**410. SOCIAL RESEARCH II**  
**4 hours credit**

Further training in methods of research in the social sciences. Emphasis on data analysis, including organization of data for computer processing, hypothesis-testing and simple causal modeling. **Prerequisite:** Sociology 309 or consent of instructor. **Three hours lecture and two hours laboratory per week.**

**421. DEVELOPMENT OF SOCIAL THOUGHT**  
**3 hours credit**

An analysis of the historical antecedents and contemporary profiles of sociological theory emphasizing major figures and dominant paradigms. **Prerequisite:** SOCI 211 or consent of instructor. **Three hours per week.**

**422. CONTEMPORARY SOCIOLOGICAL THEORY**  
**3 hours credit**

An analysis of the current state and future directions of sociological theory. **Prerequisite:** SOCI 211 or consent of instructor. **Three hours per week.**

**452. COMPARATIVE CULTURES**  
**3 hours credit**

Cross-cultural survey of primitive societies with emphasis on human social differences and their meaning: Africa, Asia, North and South America, and Oceania. This course will focus on the diversity of human cultures, concentrating on varying marital, religious, economic, family and social patterns. **Prerequisite:** SOCI 212 or consent of the instructor. **Three hours per week.**

**459. SEMINAR IN ANTHROPOLOGY: SELECTED TOPICS**  
**3 hours credit**

Individual and group study of selected topics from the four subdisciplines of anthropology (cultural anthropology, physical anthropology, linguistic anthropology and archaeology). May be repeated once under a different subtitle recorded with the registrar. **Prerequisites:** SOCI 212 and 351. **Three hours per week.**

**499. SPECIAL TOPICS**  
**3 hours credit**

Number reserved for courses approved as an experimental response to student interest or community need. May be repeated once under a different subtitle recorded with the registrar. **Prerequisite:** SOCI 211 or consent of the instructor. **Three hours per week.**

**512. GRADUATE SEMINAR IN SOCIOLOGY**  
**3 hours credit**

Study and discussion of a selected topic of sociological significance, such as social movements, roots of social inequality, social power or the management of conflict. **Prerequisite:** Six hours of sociology or consent of the instructor. **Three hours per week.**

**515. RURAL LIFESTYLES**  
**2 hours credit**

This course examines the various lifestyles of people in the rural community of the Delmarva Peninsula. These include farmers, migrant workers, watermen, townspeople and tourists. Live interviews, simulated interviews and/or mobile clinic visits will be utilized to assist in comparing and contrasting the lifestyles so that more effective health care can be planned and implemented for this population. **Two hours per week.**

**516. INDIVIDUAL DIRECTED STUDY**  
3 hours credit

Intensive study in a specific area of sociology agreed upon by student and faculty. Open only to students who have completed six hours in sociology and are taking a concentration in sociology. May be repeated once under a different subtitle recorded with the registrar. **Prerequisite:** Consent of instructor who will direct the study.

**530. DIRECTED RESEARCH**  
3 hours credit

Preparation of optional research project in master's degree program under direction of a departmental supervisor. **Prerequisite:** Approval of department chair.

**560.A PRACTICUM OR INTERNSHIP**  
Variable 1-6 hours credit

An applied sociology combination of study and work. Emphasis is on integrating the theoretical concepts of sociology with a practical experience of work with a recognized employing unit able to provide adequate on-the-job guidance. One to six hours credit to be determined by the student and the faculty coordinator. **Prerequisite:** Nine hours in sociology and approval of department chair.

**Spanish**

**405. SPECIAL PROBLEMS IN SPANISH**  
Variable 1-3 hours credit

Individual study of special areas in Spanish linguistics, such as phonetics and diction in the history and evolution of the language or in Spanish and Latin American literature. Advice and direction from a member of the department required. May be repeated by same student with new content. **Prerequisite:** SPAN 320, 321 or consent of the department chair.

**412. SPANISH LITERATURE OF THE GOLDEN AGE**  
3 hours credit

Study of selected masterpieces of Spanish literature of the *Siglo de Oro*. **Prerequisite:** SPAN 320, 321 or consent of the department chair. **Three hours per week.**

**415. NINETEENTH AND TWENTIETH CENTURY SPANISH LITERATURE**  
3 hours credit

A study of the development of movements in Spanish literature of this period through selected works of outstanding authors. **Prerequisite:** SPAN 320, 321 or consent of department chair. **Three hours per week.**

**417. NINETEENTH AND TWENTIETH CENTURY SPANISH AMERICAN LITERATURE**  
3 hours credit

A study of the major works in Spanish American literature of the 19th and 20th centuries. **Prerequisite:** SPAN 320, 321 or consent of department chair. **Three hours per week.**

**418. CONTEMPORARY LITERATURE IN SPANISH**  
3 hours credit

A study of selected contemporary works in Spanish. The selection will vary from year to year. **Prerequisite:** SPAN 320, 321 or consent of department chair. **Three hours per week.**

**495. SPANISH FOR PROFESSIONAL AND SERVICE PERSONNEL I**  
3 hours credit

Students develop fluency in spoken and written Spanish. Situational dialogues in cross-cultural settings underline practical intent. Specific applicability for migrant teachers, social workers, business and hospital personnel. **Three hours per week.**

**496. THE BILINGUAL, BICULTURAL CLASSROOM**  
3 hours credit

Preparation for those in education whose work may involve contact with students and parents from different language and cultural backgrounds, with emphasis on the problems and needs of the Spanish-speaking child. Studies include cross-cultural communication, survival skills in Spanish and culturally relevant materials. **Three hours per week.**

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**RAY H. ZEIGLER, JR.**, Associate Professor of Music  
B.A., M.Ed., D.Ed., The Pennsylvania State University

## APPLICATION FOR ADMISSION TO GRADUATE STUDY APPLICATION FEE \$25.00 (NON-REFUNDABLE)

This form must be completed and returned by all the new first-time graduate students. Also, such students must have the following materials sent directly to the dean of the Office of Graduate and Continuing Education, Salisbury State University, thirty (30) days prior to the beginning of the semester the student intends to enroll: (1) official copies of all undergraduate and graduate transcripts (these must come directly from the respective institution to the dean's office); (2) required standardized test scores; and (3) two letters of recommendation.

The \$25.00 application fee is due when the application is submitted.

Students may not register for graduate coursework until the application is complete and accepted.

SOCIAL SECURITY NO. \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

month \_\_\_\_\_ / year \_\_\_\_\_

date planning to enter \_\_\_\_\_

NAME: \_\_\_\_\_ last \_\_\_\_\_ first \_\_\_\_\_ middle \_\_\_\_\_ maiden \_\_\_\_\_

PERMANENT ADDRESS: \_\_\_\_\_  
street address/box number \_\_\_\_\_

city \_\_\_\_\_ state \_\_\_\_\_ county \_\_\_\_\_ zip code \_\_\_\_\_ country (if not USA) \_\_\_\_\_

LOCAL ADDRESS: \_\_\_\_\_  
(write "same" \_\_\_\_\_  
if same) street address/box number \_\_\_\_\_

city \_\_\_\_\_ state \_\_\_\_\_ county \_\_\_\_\_ zip code \_\_\_\_\_

PHONE: (\_\_\_\_\_) \_\_\_\_\_ (\_\_\_\_\_) \_\_\_\_\_  
home \_\_\_\_\_ work \_\_\_\_\_

TITLE: \_\_\_\_\_ SEX: \_\_\_\_\_ DATE OF BIRTH: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
 MR  FEMALE mo. \_\_\_\_\_ day \_\_\_\_\_ year \_\_\_\_\_  
 MS  MALE

CITIZENSHIP:  
 USA  
 RESIDENT  
NON-CITIZEN  
 VISA

### ETHNIC GROUP:

(1) BLACK (NON-HISPANIC)  
 (2) AMERICAN INDIAN  
 (3) ASIAN (OR PACIFIC ISLANDER)  
 (4) HISPANIC  
 (5) WHITE

### OFFICE USE ONLY

RES \_\_\_\_\_  
STC \_\_\_\_\_  
SEM \_\_\_\_\_  
CLA \_\_\_\_\_  
PC \_\_\_\_\_

### VETERAN STATUS:

( ) NON-VETERAN  
 (VE) VETERAN ELIGIBLE FOR BENEFITS  
 (VN) VETERAN NOT ELIGIBLE FOR BENEFITS  
 (DP) DEPENDENT OF DECEASED WAR VETERAN  
 (VR) VOCATIONAL REHABILITATION

DO YOU HAVE ANY PHYSICAL HANDICAPS?  YES  NO  
If YES, EXPLAIN LIMITATIONS BELOW

(This information is requested for personal assistance and campus planning)

*Salisbury*  
STATE UNIVERSITY

## APPLICANT'S INTENDED PLAN OF STUDY

M.A.-English  
 M.A.-History  
 M.A.-Psychology  
 M.S.-Nursing  
 M.B.A.  
 Traditional  
 Executive M.B.A.

M.ED.

Concentration:

Counseling  
 Early Childhood Education  
 Educational Administration  
 Elementary Education  
 English  
 Geography  
 History

Mathematics  
 Music  
 Psychology  
 Reading Education  
 Science  
 Secondary Education

Non-Degree  
 Day  
 Evening

Undergraduate College or University

State

Degree

Date Received

Have you taken graduate courses at SSU previously?  Yes  No

Have you taken undergraduate courses at SSU previously?  Yes  No

Have you taken graduate courses at another institution previously?  Yes  No

If yes, please complete the following:

Graduate College or University

State

Degree

Date Received

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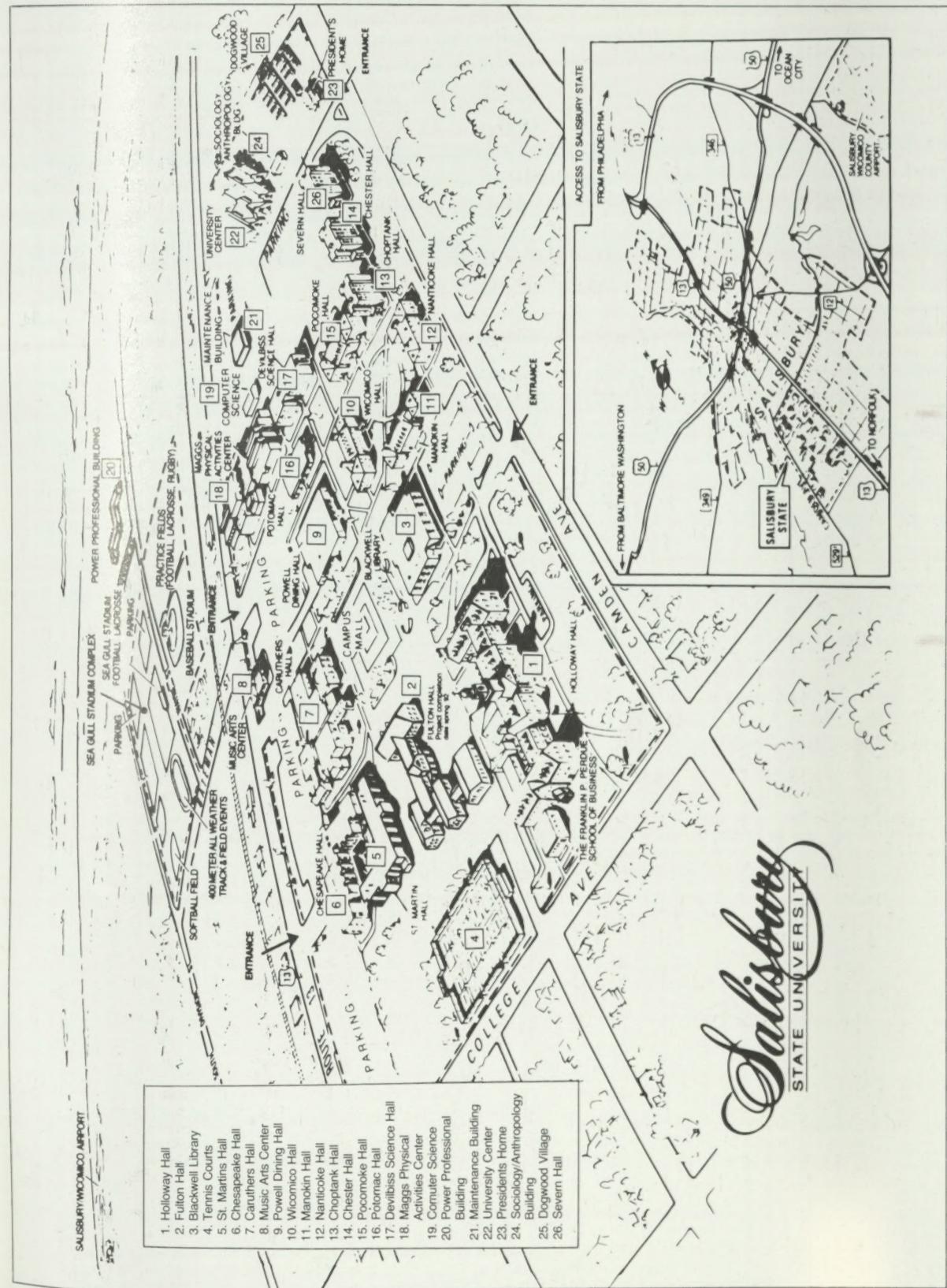
Signature of Applicant

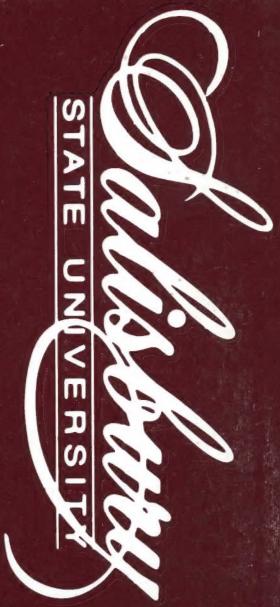
Date

### Equal Opportunity Policy

It is the policy of Salisbury State University to provide equal employment and educational opportunities without regard to race, color, religion, national origin, sex, age, marital status, or handicap as required by Title VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973 and other equal opportunity regulations. More specifically, it is the University's policy to make all decisions regarding employment including recruitment, hiring, promotion and all other terms and conditions of employment without discrimination.

INQUIRIES SHOULD BE DIRECTED TO AFFIRMATIVE ACTION OFFICER, SALISBURY STATE UNIVERSITY, HOLLOWAY HALL, CAMDEN AVENUE, SALISBURY, MARYLAND 21801 (TELEPHONE 301-543-6025).





Salisbury, Maryland 21801

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